REVERSE BAYONET SINGLE-POLE CONNECTORS

VG96929

HIGH-CURRENT, LOW-VOLTAGE POWER CONNECTORS FOR RUGGEDIZED MILITARY AND INDUSTRIAL APPLICATIONS

FEBRUARY 2022

High Voltage Electrical Power Distribution

From 0 to 60 in 3.9 Seconds

High voltage electrical power distribution is a critical component of the 100% electric Tesla Roadster.

The reliable distribution of electrical energy from the car's lithium-ion energy storage system to the vehicle's motor, electronic control module, HVAC system, transmission and regenerative braking unit depends on a high-performance wiring system made up of high-temperature shielded conduit and ruggedized reverse-bayonet power connectors—all made by Glenair.

Glenair is on the forefront of innovative efforts to advance the reliability and performance of electric vehicles. Glenair power connectors, cables and conduit are deployed in high-voltage power management and distribution applications for systems as demanding as military vehicles — and as fast as the Tesla Roadster.

Glenair®

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www.glenair.com - www.glenair.it

VG96929
Interactive Catalogue Section Index
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Glenair®

VG96929
Single Pole Power Connectors
Product Line Overview

The Perfect High Current/Low Voltage Single Pole Connector for Industrial Equipment and Military Vehicle Applications

Harsh Application Environments

Glenair's VG96929 Reverse Bayonet Unipolar Connectors are used for the transmission of high currents with low voltage such as required by applications on military vehicles and on various industrial equipment. Derived from the VG95234 Series Connectors and sharing similar mating dimensions and mechanical charactreristics, VG96929 connectors feature unique insulating inserts in two parts (front and rear) that are retained inside the shell by a dynamic spring. Multiple exterior and interior connector o-rings create a watertight seal (1 bar) and the bayonet coupling system helps to prevent accidental unmating caused by vibration.

Rugged Materials

Glenair's VG96929 connector series is fabricated in aluminum alloy with surface plating IAW QQP-416 Type II Class 3. Easy-to-terminate crimp contacts are made from silver plated copper alloy. The standard insert material is PTFE which provides durable performance in temperature ranges from -55° to +125°C.

Intermateability

Glenair's VG96929 Reverse Bayonet Power Connector is a version of the familiar threaded coupling MIL-DTL-5015. Glenair's VG96929 Connector is interchangeable and intermateable with the wide range of industry-standard unipolar reverse bayonet connectors designed around MIL-DTL-5015 and/or qualified to VG96929.

- **Fast, Easy Bayonet Coupling: 1/4 Turn**
- **Environmental in Mated Condition to 1 Bar**
- **Plug, In-Line, Wall and Box Mount Receptacles**
- **High Shock and Vibration Resistance**
- **Contact Sizes from 25 to 240 sq mm**
- **Audible and Visual Coupling Indicators**
- **Keyed Polarization**
- **Crimp Sleeve/Set Screw Terminations**
- **Intermateable with all VG96929 Type Reverse Bayonet Connectors**

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VG96929

Glenair's qualified VG96929 bayonet-lock connector series is based on the VG95234 standard, and shares the same basic shell configuration and shell dimensions. The VG96929 3-point bayonet coupling mechanism provides easy mating and positive locking resistance to vibration, shock, and other connector decoupling forces in high-current, low-voltage applications such as military vehicles, engines and battery chargers.

Component Materials

VG96929 connector shells are available in aluminum alloy and are supplied standard with an olive green cadmium finish IAW QQ-P-416. Supplied crimp contacts are silver plated copper alloy. Insulators are high insulation PTFE: -55°C to +125°C. Gaskets and O-rings are chemical resistant Viton®.

EMI and Environmental Applications

VG96929 Series connectors are perfectly suited for use in rugged applications where EEC compliance directives for electromagnetic compatibility is required. A complete range of EMI shield termination accessories and plug grounding fingers are available for both overall as well as individual wire shields.

Equipped with the appropriate backshells and environmental sealing, the connectors are ready to serve in applications that require resistance to both water and caustic chemicals such as oils and fuels.

Connector Accessories

Many of the VG96929 connectors come already paired with selected backshell accessories for most application requirements. See the accessory descriptions on the opposite page for more information. A full range of additional connector accessories including dust caps and EMI gaskets are also available.

Please contact the factory for additional information or any of our worldwide sales and engineering facilities. Glenair's websites www.glenair.it and www.glenair.com also have complete information on these products, as well as other ruggedized power and signal connectors.

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VG96929
Single Pole Power Connectors
Available Components

VG96929 offers a simplified ordering and part number format that combines the standard connector shell styles with the most popular backshells and connector accessories. Available connector shell styles, backshell types and accessories include:

VG96929 Connector Shell Styles

- Box Mount Receptacle with Accessory Threads
- Wall Mount Receptacle with Accessory Threads
- Through Bulkhead Receptacle
- Straight and 90° Plug Connector with Accessory Threads
- In-Line Receptacle

VG96929 Integrated Backshell Types

Type B1, G and B-03: Shrink Boot Adapter

Types E, F and B-14: Backshell for the termination of EMI shielding and/or shrink boot.

VG96929 Accessories

- Plug and receptacle protective covers with various lanyard styles for panel attachment
- Protective plastic covers
- Conductive and non-conductive gaskets for panel mount connectors
- Dummy stowage receptacles

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VG96929/Series IGE
Single Pole Power Connectors
Cross Reference

The Glenair Series IGE connector family is the company's commercial equivalent for the VG qualified products presented in this catalog. Series IGE offers the flexibility of a broader range of connector and backshell assemblies as well as additional plating options and other variations.

Customers are advised to select VG96929 versions of this reverse-bayonet connector series when qualification to VG96929 is a requirement. For non-VG applications, customers will appreciate the broader range of options available in the Series IGE.

CONNECTOR CROSS REFERENCE

VG96929 Connectors	Glenair Series IGE	* Glenair Series IGE Marine Bronze
VG96929 A1	IGE 2 E ...B-04	IGE 2 E ...B-04 MB
VG96929 A2	IGE 2 E ...B-16	IGE 2 E ...B-16 MB
VG96929 B1	IGE 0 E ...B-03	IGE 0 E ...B-03 MB
~~VG96929 C1**~~	IGE 9 E ...X-B	IGE 9 E ...X-B MB
~~VG96929 C2**~~	IGE 9 EFP ...X-B	IGE 9 EFP ...X-B MB
VG96929 E	IGE 8 E ...B-14	IGE 8 E ...B-14 MB
VG96929 F	IGE 6 E ...B-14	IGE 6 E ...B-14 MB
VG96929 G	IGE 6 E ...B-03	IGE 6 E ...B-03 MB
N.A.	IGE 1 E ...B-03	IGE 1 E ...B-03 MB
N.A.	IGE 1 E ...B-14	IGE 1 E ...B-14 MB
N.A.	IGE 2 EFP ...B-04	IGE 2 EFP ...B-04 MB
N.A.	IGE 2 EFF ...B-16	IGE 2 EFF ...B-16 MB
N.A.	IGE 0 E ...B-ZL	IGE 0 E ...B-ZL MB
N.A.	IGE 6 E ...B-16	IGE 6 E ...B-16 MB
N.A.	IGE 7 E ...B-16	IGE 7 E ...B-16 MB

* Check on new **Glenair Seacrow Connector Series** catalogue to find all IGE-MB Part Numbers www.glenair.com/catalog_library

**Style C1 and C2 connectors have been removed from the VG96929 standard, they remain available with equivalent part numbers only.

VG96929 QUALIFIED PLATING

Standard Aluminum/ Cadmium Olive Drab	Aluminum/ Zn-Sn	Marine Bronze/ Unplated
Omit	J	B

IGE PLATING PERFORMANCE

Property	RoHS					Not RoHS	
	Alum/Black	Alum/Black Zn-Ni	Alum/Electroless Nickel	Marine Bronze/ Unplated	SST/Passivate	Alum/ Olive Drab Zn-Ni	Alum/Cadmium Olive Drab
	F6	F7	F11	MB	FK	F8	G3
Temperature Range	-55°C + 125°C	-55°C + 175°C	-55°C + 125°C	-55°C + 200°C	-55°C + 200°C	-55°C + 175°C	-55°C + 125°C
Salt Spray Hours	500	500	48	1000	48	500	500
Electical Conductivity	NO	Very Good	Very Good	Very Good	Fair	Very Good	Very Good

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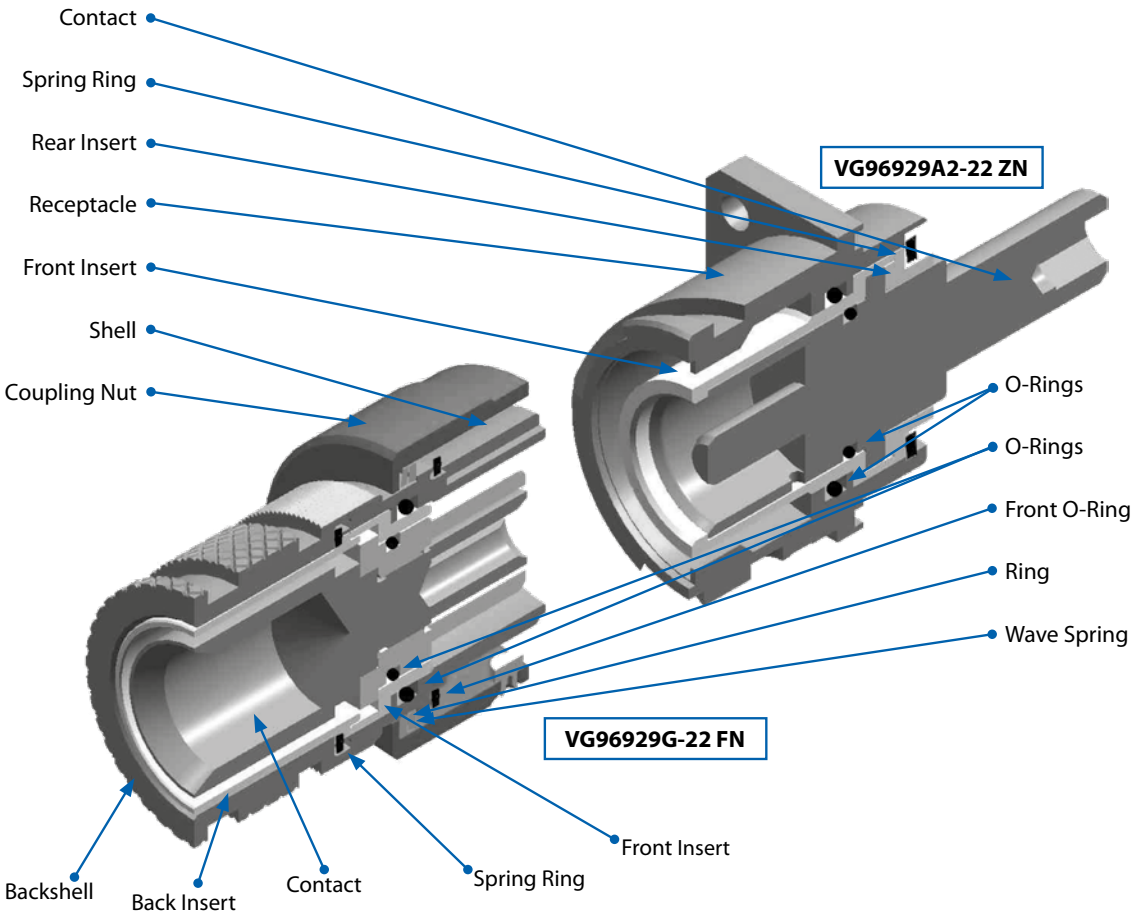
VG96929/Series IGE
Single Pole Power Connectors
Exploded View and Technical Data



Technical Characteristics	
Insulating Resistance	5000 MΩ min
Water Resistance	1 Bar
Vibration Resistance	200 m/s² 10 to 2000 Hz
Temperature Range	-55°C to 150°C
Mechanical Life	500 Mating Cyles

COUPLING TORQUE (VG95319-2)

Shell Size	Opening and Closing Max	Opening Min
16	5.5 Nm	0.5 Nm
18	8.0 Nm	0.6 Nm
22	11.0 Nm	0.8 Nm
28	17.0 Nm	0.9 Nm
32	19.0 Nm	1.0 Nm

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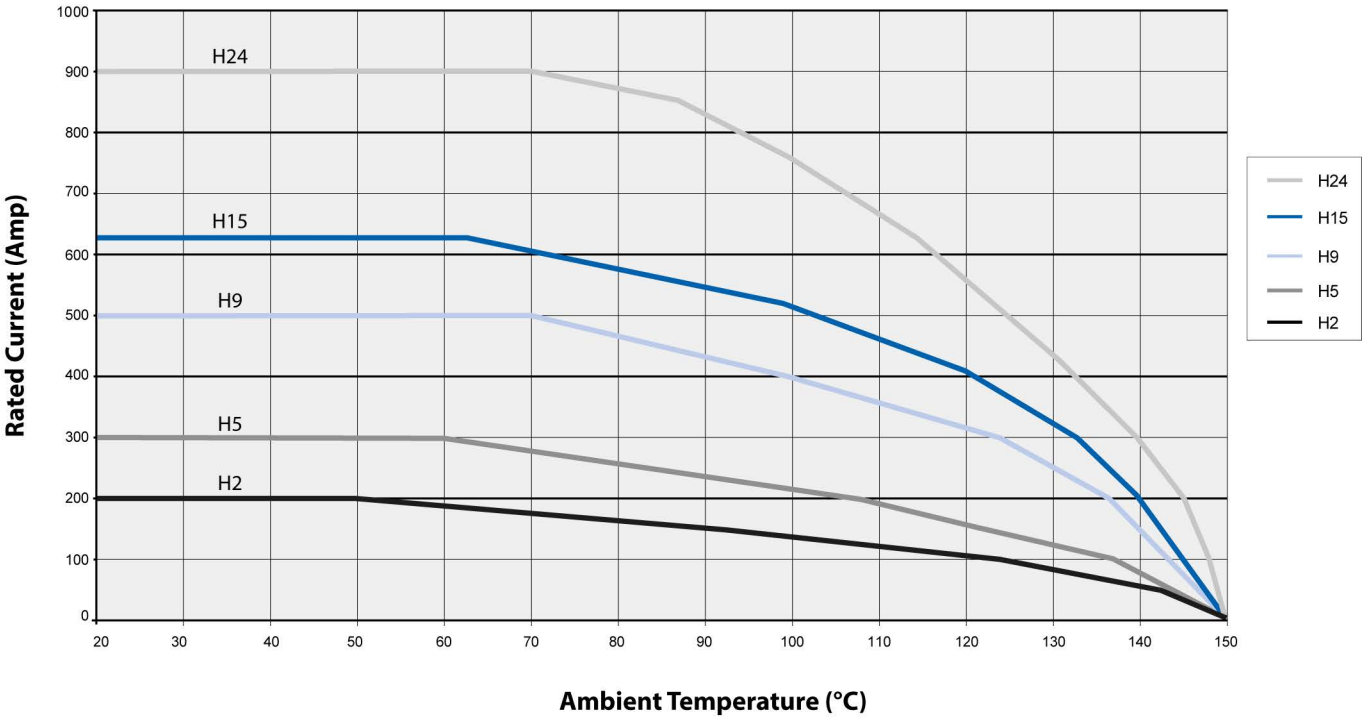
CONTACT RETENTION (VG95319-2)

Contact Size	Test Force Min
H2	100 N
H5	120 N
H9	140 N
H15	160 N
H24	200 N

VOLTAGE	
Test Voltage	1050 Vac
Working Voltage	350 Vac
According to MIL-STD-1344	

CONTACTS

Contact Size	Shell Size	Wire Size	Current Rating at 125°C	Max Short-Duration Current 0.5÷1s	Maximum Contact Resistance
H2	16	25 mm²	See graphic below	750 A	0.60 mΩ
H5	18	50 mm²		1.000 A	0.30 mΩ
H9	22	95 mm²		2.000 A	0.15 mΩ
H15	28	150 mm²		3.000 A	0.10 mΩ
H24	32	240 mm²		5.000 A	0.07 mΩ



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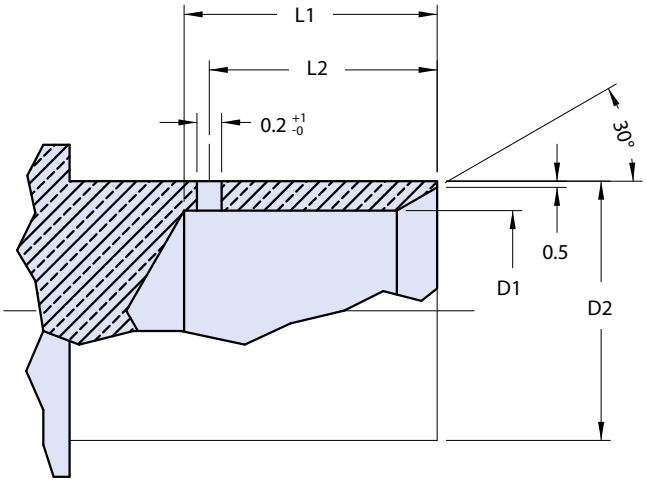
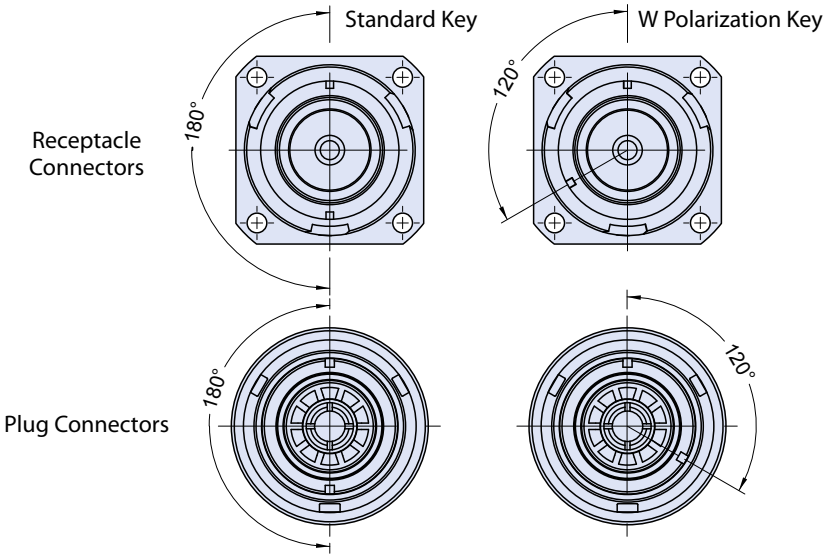
VG96929
Single Pole Power Connectors
Contact Dimensions, Crimping Tools and Alternate Keyway Positions



CONTACT DIMENSIONS AND CRIMPING TOOLS

Contact Size	Cable mm²	D1 +0.3 -0	D2 ±0.2	L1 ±0.2	L2	Hydraulic Crimping Tool	Crimping Die
H2	25	7.7	10.9	14.0	11.0	M.112004	M.112020
H5	50	11.2	16.0	15.0	13.0	M.112004	M.112021
H9	95	16.2	21.0	20.5	18.5	M.105013	M.112012
H15	150	20.9	27.0	28.0	25.5	M.105013	M.112018
H24	240	26.8	31.6	30.0	27.0	M.105013	M.105035



Alternate Keyway Positions

To avoid mismating of similar connectors, VG96929 connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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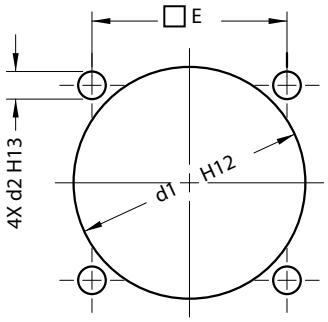
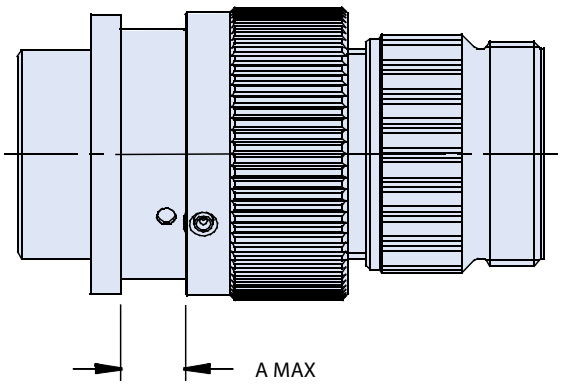


PANEL CUT-OUT

Size	d1 (mm)		d2 (mm)			E
	Front	Back	A1	A2	B1	
16	-	27.7	M4	M4	4.5	24.6
18	27.4	31.1	M4	M4	4.5	27.0
22	33.7	37.8	M4	M4	4.5	31.8
28	43.3	47.1	M5	M4	5.5	39.7
32	49.7	53.8	M5	M4	5.5	44.5

Maximum Panel Thickness



PANEL THICKNESS FOR TYPES A1 - A2 - B1

Shell Size	16	18	22	28	32
A	3.7	3.7	3.7	5.25	6.1

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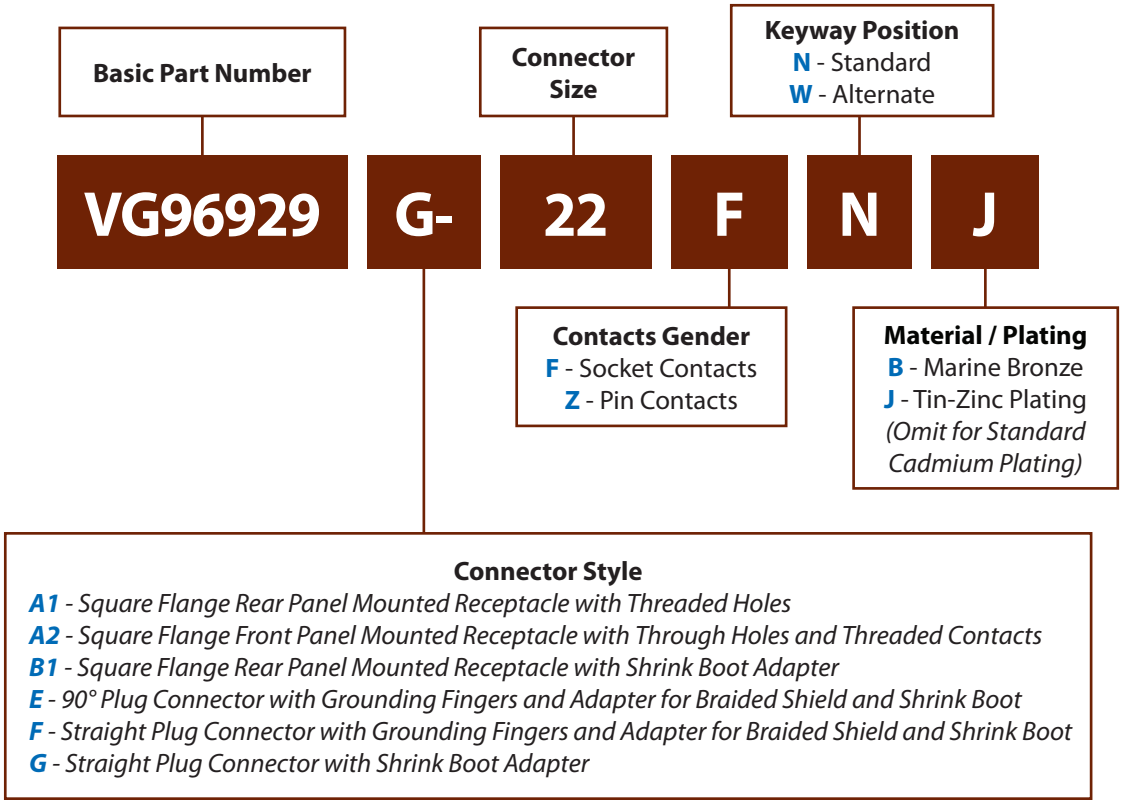
VG96929
Single Pole Power Connectors
How to Order



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Glenair Series IGE
Commercial Product Line
How to Order

Modifications
03 - *Connector with Shrink Boot Adapter*
04 - *Square Flange Rear Mount Receptacle with Crimp Contact*
14 - *Connector with Adapter for Braided EMI Shield and Shrink Boot*
16 - *Square Flange Front Mount Receptacle with Threaded Contact*
ZL - *Connector with BAND-IT Backshell and Heat Shrink Boot*

Basic Part Number		Connector Size	Contact Size		Keyway Position			
IGE	6E	22	H9	Z	W	B	(...)	MB

Contacts Gender
F - Socket Contacts
Z - Pin Contacts

Bayonet Coupling

Material / Plating
MB - Marine Bronze
TZ - Tin-Zinc Plating
(Omit for Standard Cadmium Plating)

Connector Style

0E...-03 - *Square Flange Rear Panel Mounted Receptacle with Shrink Boot Adapter*
0E...-ZL - *Square Flange Rear Panel Mounted Receptacle with BAND-IT Backshell*
1E...-03 - *In-Line Receptacle with Shrink Boot Adapter*
1E...-14 - *In-Line Receptacle with Adapter for EMI/RFI Shield and Shrink Boot*
2E...-04 - *Square Flange Rear Panel Mounted Receptacle with Threaded Holes and Crimp Contacts*
2EFP...-04 - *Square Flange Front Panel Mounted Receptacle with Through Holes and Crimp Contacts*
2E...-16 - *Square Flange Front Panel Mounted Receptacle with Through Holes and Threaded Contacts*
2EFF...-16 - *Square Flange Rear Panel Mounted Receptacle with Threaded Holes and Threaded Contacts*
6E...-03 - *Straight Plug Connector with Shrink Boot Adapter*
6E...-14 - *Straight Plug with Grounding Fingers and Adapter for EMI/RFI Shield and Shrink Boot*
6E...-16 - *Straight Plug with Threaded Contact Terminal*
7E...-16 - *Jam Nut Receptacle with Threaded Contact Terminal*
8E...-14 - *90° Plug with Grounding Fingers and Adapter for EMI/RFI Shield and Shrink Boot*
9E - *Square Flange Feed-Thru Receptacle with Threaded Holes*
9EFP - *Square Flange Feed-Thru Receptacle with Through Holes*

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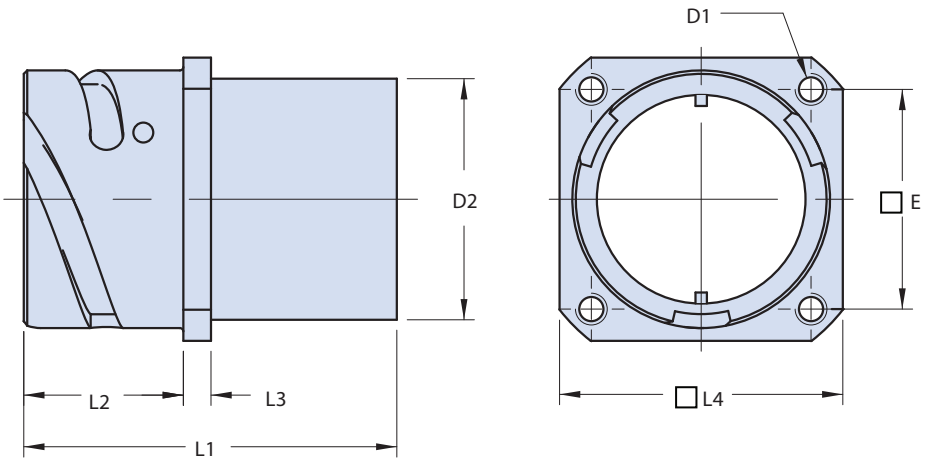
VG96929 A1
Square Flange Rear Panel Mount Receptacle

Basic Part Number		Connector Size		N - Standard Keyway W - Alternate Keyway	
VG96929	A1	22	F	N	X
	A1 - Rear Panel Mount Receptacle		F - Socket Contacts Z - Pin Contacts		Finish Option *See Table I*



APPLICATION NOTES

1. Rear panel mount square flange receptacle—crimp contacts. Threaded mounting holes.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: VG96929 QUALIFIED PLATING

Standard Aluminum/ Cadmium Olive Drab	Aluminum/ Zn-Sn	Marine Bronze/ Unplated
Omit	J	B

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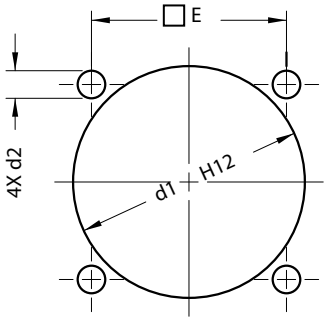
VG96929 A1
Square Flange Rear Panel Mount Receptacle

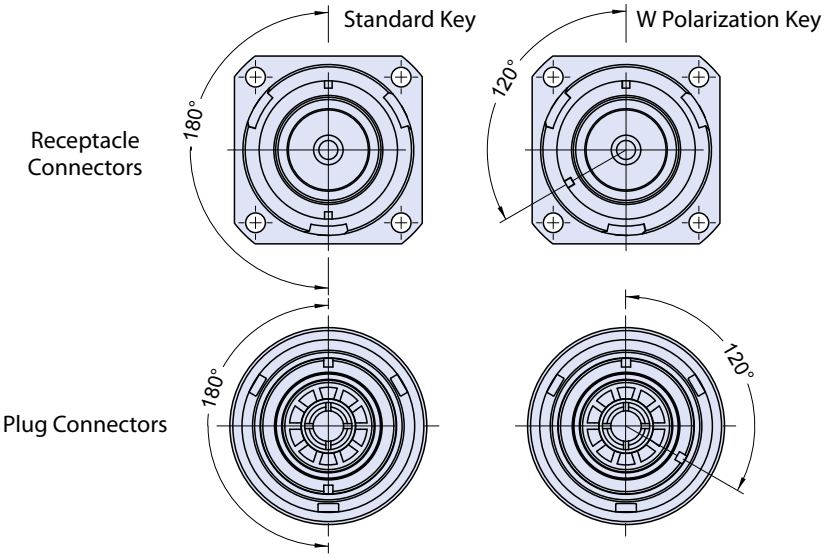
TABLE I: DIMENSIONS

Cable mm²	Size	D1	D2 +0 -0.15	□E ±0.1	L1 max	L2 +0.4 -0	L3 ±0.1	L4 ±0.3	Weight gr. Max
50	**18**	M4	26.9	27.0	50.3	23.05	4.0	35.0	130
95	**22**	M4	33.2	31.8	54.3	23.05	4.0	41.0	165
150	**28**	M5	42.8	39.7	65.6	24.05	4.0	50.8	320
240	**32**	M5	49.2	44.5	71.1	28.90	4.0	57.0	370

PANEL CUT-OUT

Size	d1	d2	□E
18	31.1	M4	27.0
22	37.8	M4	31.8
28	47.1	M5	39.7
32	53.8	M5	44.5





Alternate Keyway Positions

To avoid mismating of similar connectors, VG96929 connectors are available with keyway in two different positions as shown below:

N: 180°

W: 120°

PROTECTIVE COVERS ACCORDING TO VG95234-7

Size	Protective Covers
16	VG95234KR16S
18	VG95234KR18
22	VG95234KR22
28	VG95234KR28
32	VG95234KR32

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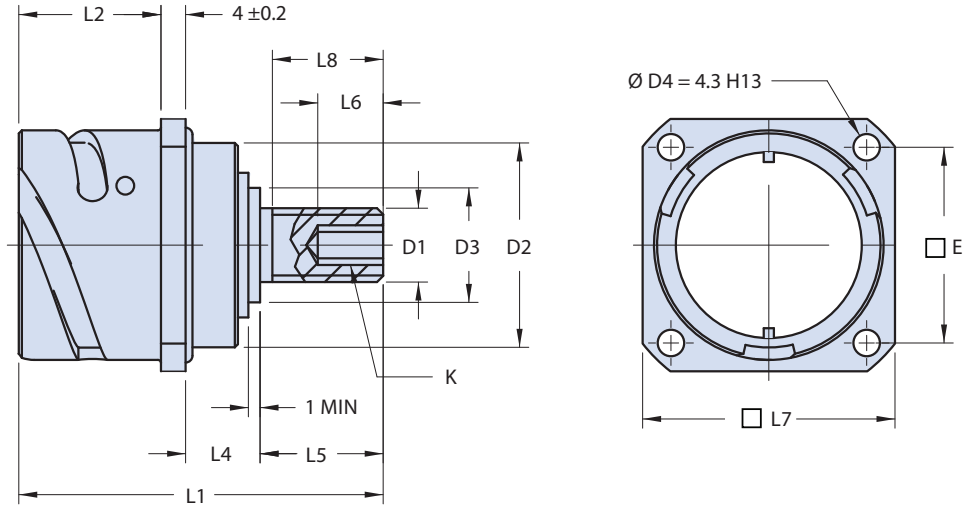
VG96929 A2
Square Flange Front Panel Mount Receptacle with Set Screw Termination

Basic Part Number		Connector Size		N - Standard Keyway W - Alternate Keyway	
VG96929	A2	- 22	F	N	X
	A2 - Front Panel Mount Receptacle		F - Socket Contacts Z - Pin Contacts		Finish Option See Table I



APPLICATION NOTES

1. Front panel mount square flange receptacle—with set screw termination. Through mounting holes.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: VG96929 QUALIFIED PLATING

Standard Aluminum/ Cadmium Olive Drab	Aluminum/ Zn-Sn	Marine Bronze/ Unplated
Omit	J	B

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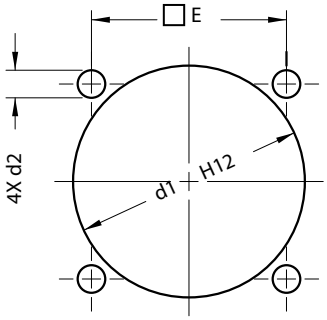
VG96929 A2
Square Flange Front Panel Mount Receptacle with Set Screw Termination

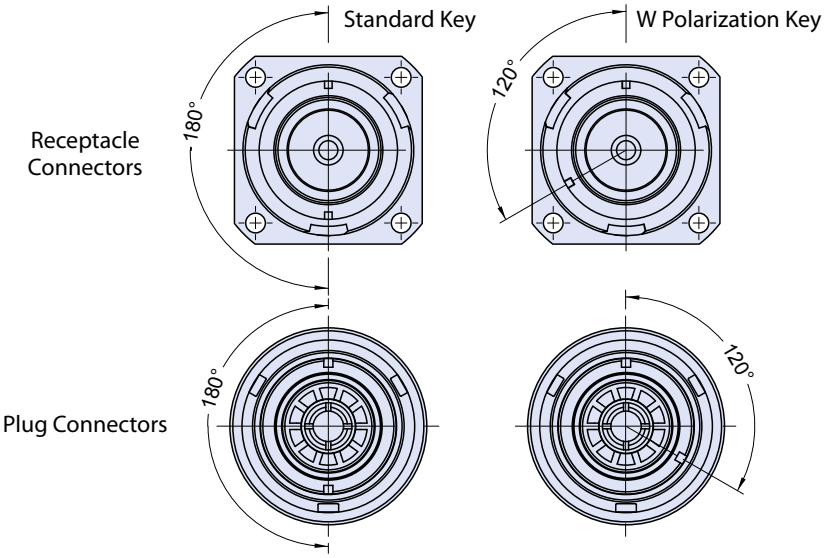
TABLE I: DIMENSIONS

Cable mm²	Size	D1	D2 +0 -0.15	Ø D4 ±0.3	D3 +0 -0.15	□E ±0.1	K ±0.2	L1 max	L2 +0.4 -0	L4 ±1.5 (F)	L4 ±1.5 (Z)	L5 ±0.3	L6 ±0.3	L7 ±0.3	L8 min	Weight gr. Max
50	**18**	M8	26.9	4.3	15.0	27.0	3	55	23.05	12.0	12.0	15	10	35.0	12	130
95	**22**	M12	33.2	4.3	18.7	31.8	6	66	23.05	13.5	12.0	25	8	41.0	22	165
150	**28**	M12	42.8	5.3	27.0	39.7	6	62	24.05	12.0	12.0	20	8	50.8	16	320
240	**32**	M16	49.2	5.3	31.7	44.5	8	78	28.90	14.0	14.0	30	8	57.0	27	370

PANEL CUT-OUT

Size	d1	d2	□E
18	27.4	M4	27.0
22	33.7	M4	31.8
28	43.3	M4	39.7
32	49.7	M4	44.5





Alternate Keyway Positions

To avoid mismating of similar connectors, VG96929 connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

PROTECTIVE COVERS ACCORDING TO VG95234-7

Size	Protective Covers
16	VG95234KR16S
18	VG95234KR18
22	VG95234KR22
28	VG95234KR28
32	VG95234KR32

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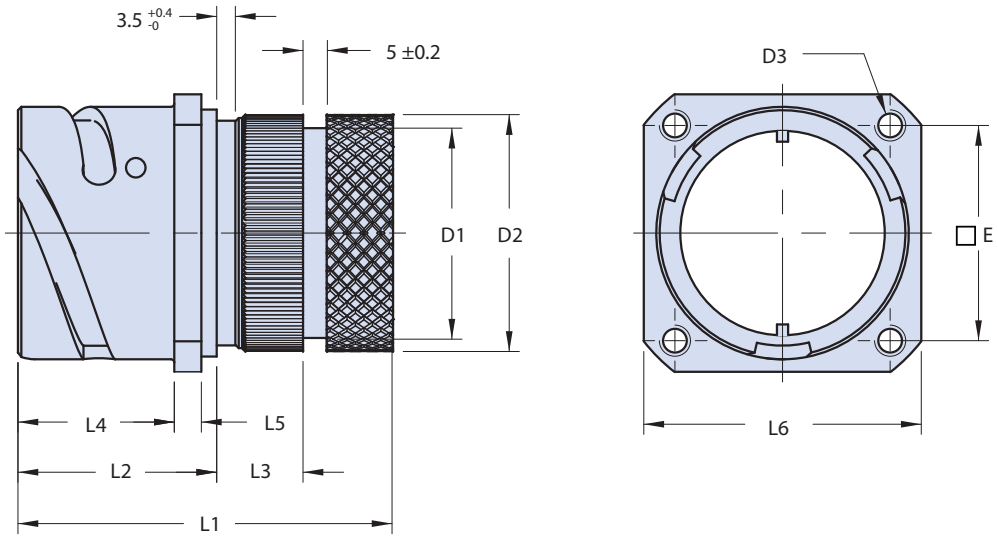
VG96929 B1
Square Flange Rear Panel Wall Mount Receptacle with Shrink Boot Adapter

Basic Part Number	B1 - Rear Panel Mount Receptacle		N - Standard Keyway W - Alternate Keyway		
VG96929	B1	- 22	F	N	X
		Connector Size	F - Socket Contacts Z - Pin Contacts		Finish Option *See Table I*



APPLICATION NOTES

1. Rear panel mount square flange receptacle—crimp contacts. Threaded mounting holes.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: VG96929 QUALIFIED PLATING

Standard Aluminum/ Cadmium Olive Drab	Aluminum/ Zn-Sn	Marine Bronze/ Unplated
Omit	J	B

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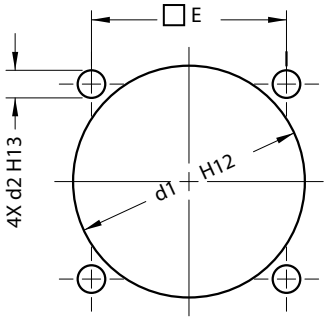
VG96929 B1
Square Flange Rear Panel Wall Mount Receptacle with Shrink Boot Adapter

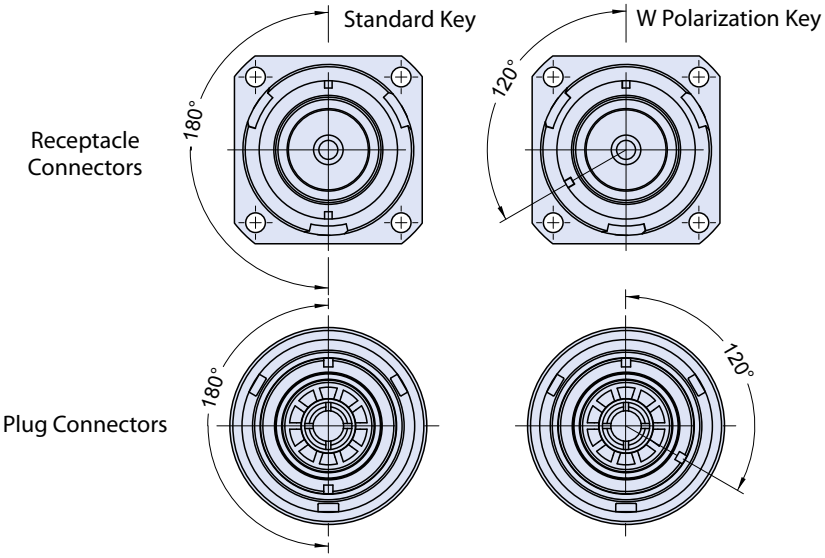
TABLE I: DIMENSIONS

Cable mm²	Size	D1 Max	D2 Max	D3	□E ±0.1	L1 ±0.4	L2 ±2	L3 Opt	L4 ±0.4	L5 ±0.3	L6 ±0.3	L7 ±0.3	Weight gr. Max
25	**16**	20.3	22.7	M4	24.6	41.0	29	-	20.00	3.2	32.5	5-	50
50	**18**	25.8	28.4	M4	27.0	50.0	32	-	23.05	4.0	35.0	86	86
95	**22**	33.0	35.3	M4	31.8	54.0	34	-	23.05	4.0	41.0	127	127
150	**28**	41.3	44.8	M5	39.7	65.3	38	18	24.05	4.0	50.8	250	250
240	**32**	46.1	49.6	M5	44.5	66.8	39	18	28.90	4.0	57.0	305	305

PANEL CUT-OUT

Size	d1	d2	□E
16	27.7	4.5	24.6
18	31.1	4.5	27.0
22	37.8	4.5	31.8
28	47.1	4.5	39.7
32	53.8	4.5	44.5





Alternate Keyway Positions

To avoid mismating of similar connectors, VG96929 connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

PROTECTIVE COVERS ACCORDING TO VG95234-7

Size	Protective Covers
16	VG95234KR16S
18	VG95234KR18
22	VG95234KR22
28	VG95234KR28
32	VG95234KR32

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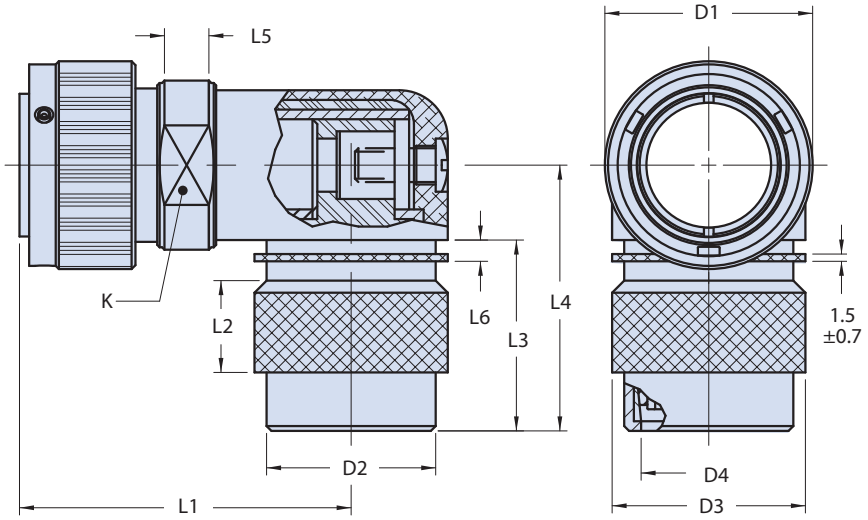
VG96929 E
90° Plug Connector with Grounding Fingers and Adapter for EMI/RFI Braid and Shrink Boot

Basic Part Number		Connector Size		N - Standard Keyway W - Alternate Keyway	
VG96929	E	- 22	F	N	X
	E - 90° Plug Connector with Grounding Fingers and Adapter for EMI/RFI Braided Shield and Shrink Boot		F - Socket Contacts Z - Pin Contacts		Finish Option *See Table I*



APPLICATION NOTES

1. 90° Plug connector with grounding fingers for EMI/RFI braided shielding termination and shrink boot, and set screw termination.
2. Material/Finish:
   Shell, adapter and coupling nut - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: VG96929 QUALIFIED PLATING

Standard Aluminum/ Cadmium Olive Drab	Aluminum/ Zn-Sn	Marine Bronze/ Unplated
Omit	J	B

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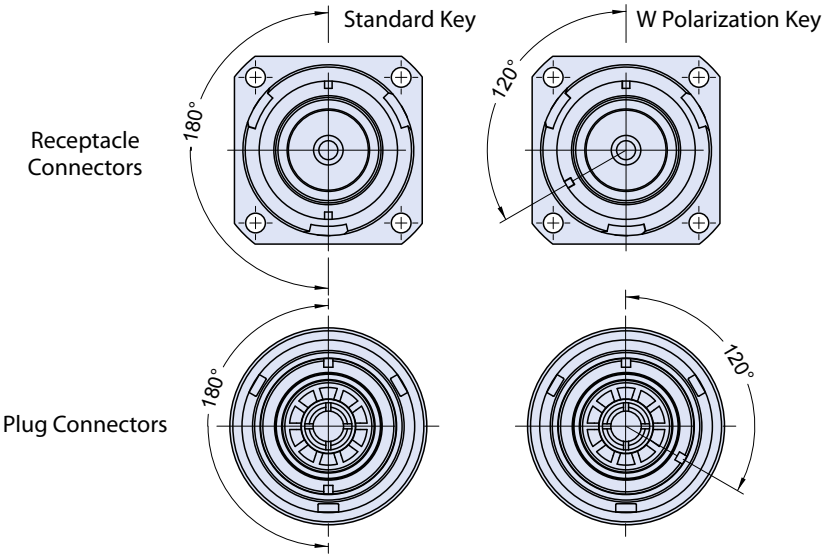
VG96929 E
90° Plug Connector with Grounding Fingers and Adapter for EMI/RFI Braid and Shrink Boot

TABLE I: DIMENSIONS

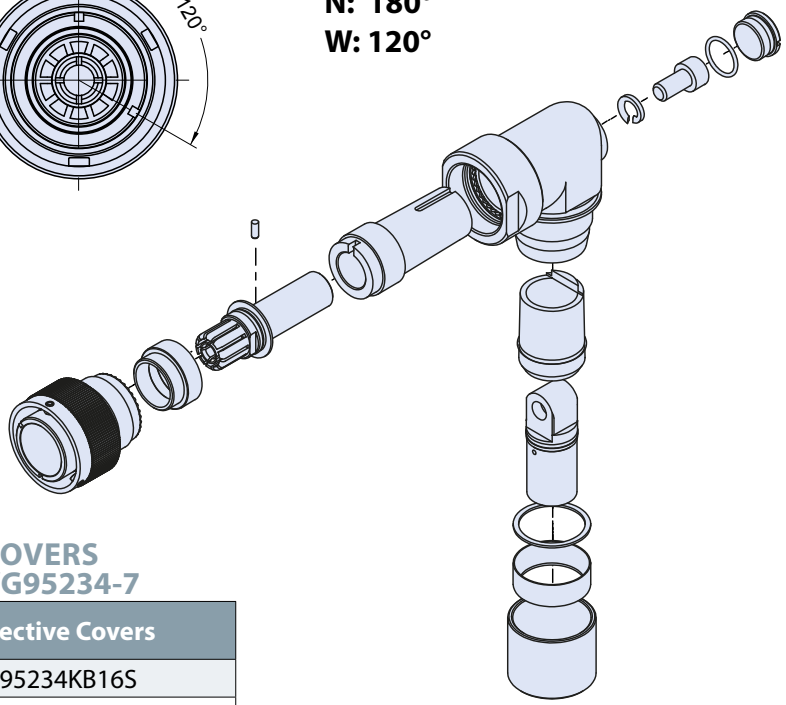
Cable mm²	Size	D1 max	D2 max	D3 max	D4 ±0.3	K	L1 max	L2 opt	L3 max	L4 max	L5 min	L6 (tol.)	Weight gr. Max
95	**22**	43.1	39.0	42.5	28	38	81	19.0	41.5	57	6.0	2.9 (±0.5)	440
150	**28**	53.5	43.7	48.0	29	50	79	20.6	41.5	58	7.5	3.2 (±0.2)	690
240	**32**	60.1	48.6	52.5	42	52	84	22.2	41.5	65	6.0	3.2 (±0.2)	690



Alternate Keyway Positions

To avoid mismating of similar connectors, VG96929 connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°



PROTECTIVE COVERS ACCORDING TO VG95234-7

Size	Protective Covers
16	VG95234KB16S
18	VG95234KB18
22	VG95234KB22
28	VG95234KB28
32	VG95234KR32

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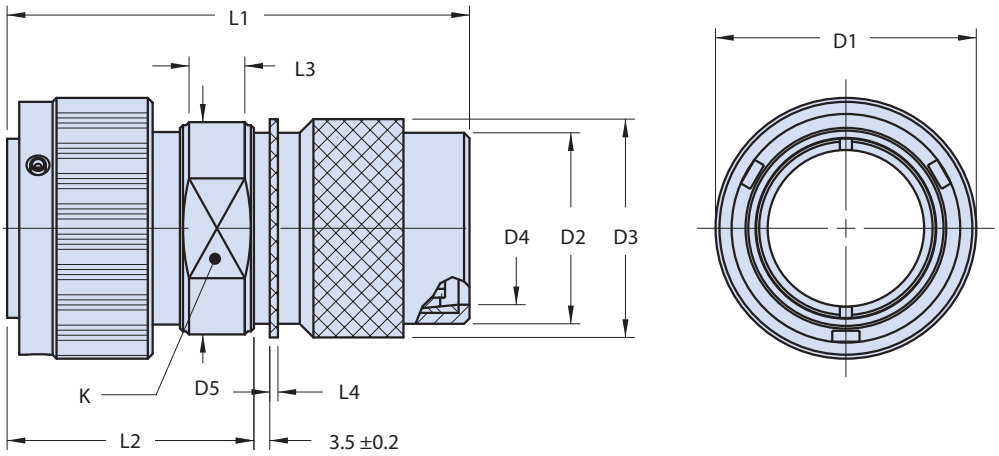
VG96929 F
Straight Plug Connector with Grounding Fingers and Adapter for EMI/RFI Braid and Shrink Boot

Basic Part Number		Connector Size		N - Standard Keyway W - Alternate Keyway	
VG96929	F	- 22	F	N	X
F - Straight Plug Connector with Grounding Fingers and Adapter for EMI/RFI Braided Shield and Shrink Boot			F - Socket Contacts Z - Pin Contacts		Finish Option *See Table I*



APPLICATION NOTES

1. Straight Plug connector with grounding fingers and adapter for EMI/RFI braided shielding termination and shrink boot.
2. Material/Finish:
   Shell, adapter and coupling nut - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: VG96929 QUALIFIED PLATING

Standard Aluminum/ Cadmium Olive Drab	Aluminum/ Zn-Sn	Marine Bronze/ Unplated
Omit	J	B

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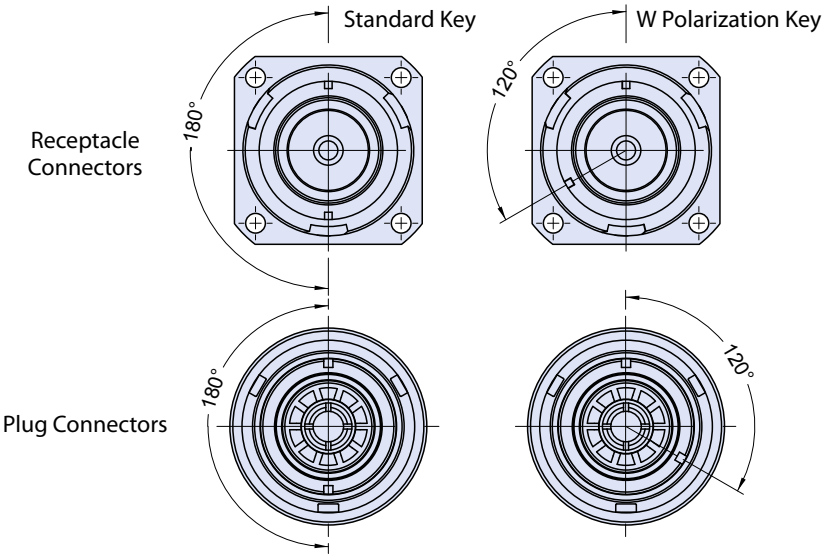
VG96929 F
Straight Plug Connector with Grounding Fingers and Adapter for EMI/RFI Braid and Shrink Boot

TABLE I: DIMENSIONS

Cable mm²	Size	D1 max	D2 max	D3 max	D4 min	D5 max	K	L1 max	L2 max	L3 min	L4 ±0.7	Weight gr. max
25	**16**	32.0	24.1	26.0	15.5	32.0	26	70	45.6	8	1.0	80
50	**18**	36.5	28.8	32.0	20.0	36.5	32	76	51.1	6	1.0	156
95	**22**	43.1	34.1	37.0	25.5	46.0	38	86	61.0	9	1.0	204
150	**28**	53.5	40.7	44.0	32.0	53.0	50	98	71.7	9	1.0	300
240	**32**	60.1	47.3	51.6	38.0	60.0	52	98	70.7	12	2.0	450



Alternate Keyway Positions

To avoid mismating of similar connectors, VG96929 connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

PROTECTIVE COVERS ACCORDING TO VG95234-7

Size	Protective Covers
16	VG95234KB16S
18	VG95234KB18
22	VG95234KB22
28	VG95234KB28
32	VG95234KR32

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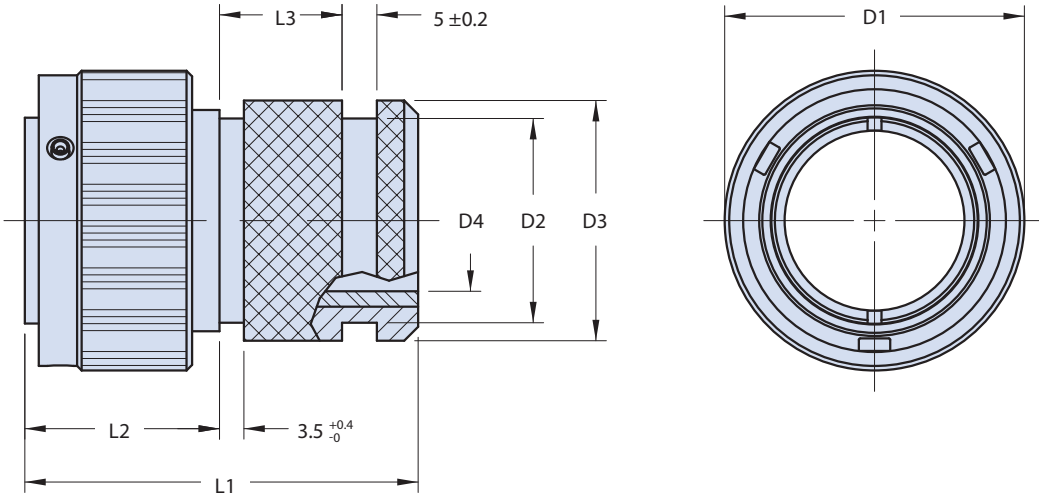
VG96929 G
Straight Plug Connector with Shrink Boot Adapter

Basic Part Number		Connector Size		N - Standard Keyway W - Alternate Keyway	
VG96929	G	- 22	F	N	X
	G - Straight Plug Connector with Shrink Boot Adapter		F - Socket Contacts Z - Pin Contacts		Finish Option *See Table I*



APPLICATION NOTES

1. Straight Plug connector with shrink boot adapter.
2. Material/Finish:
   Shell, adapter and coupling nut - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: VG96929 QUALIFIED PLATING

Standard Aluminum/ Cadmium Olive Drab	Aluminum/ Zn-Sn	Marine Bronze/ Unplated
Omit	J	B

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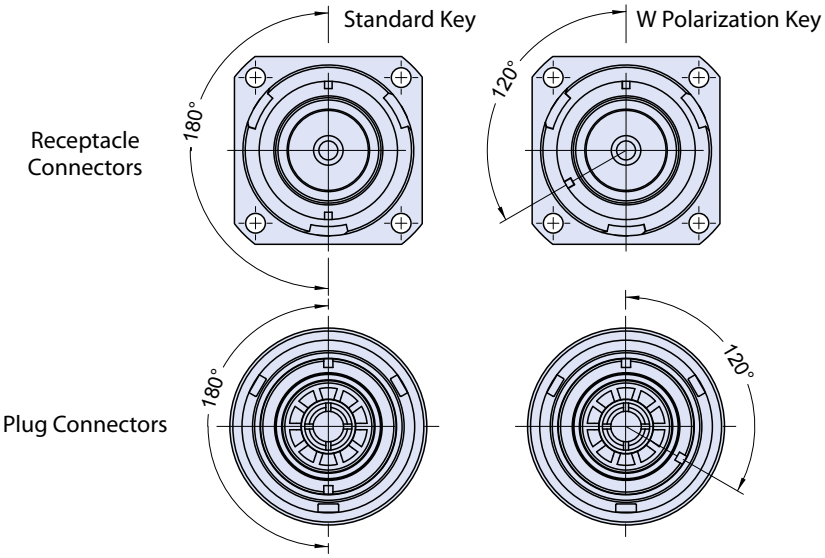
TABLE I: DIMENSIONS

Cable mm²	Size	D1 max	D2 max	D3 max	D4 min	L1 max	L2 max	L3 opt	Weight gr. max
25	**16**	32.0	20.3	22.7	14.0	44	25	-	64
50	**18**	36.5	25.8	28.4	19.0	53	33	-	106
95	**22**	43.1	31.5	35.3	23.9	57	37	13.3	146
150	**28**	53.5	41.3	44.8	27.3	65	37	18.0	270
240	**32**	60.1	46.1	49.6	32.8	65	39	15.0	320



Alternate Keyway Positions

To avoid mismating of similar connectors, VG96929 connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

PROTECTIVE COVERS ACCORDING TO VG95234-7

Size	Protective Covers
16	VG95234KB16S
18	VG95234KB18
22	VG95234KB22
28	VG95234KB28
32	VG95234KR32

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IGE 2E ... B-04 MB
Square Flange Panel Mount Receptacle with Crimp Contacts

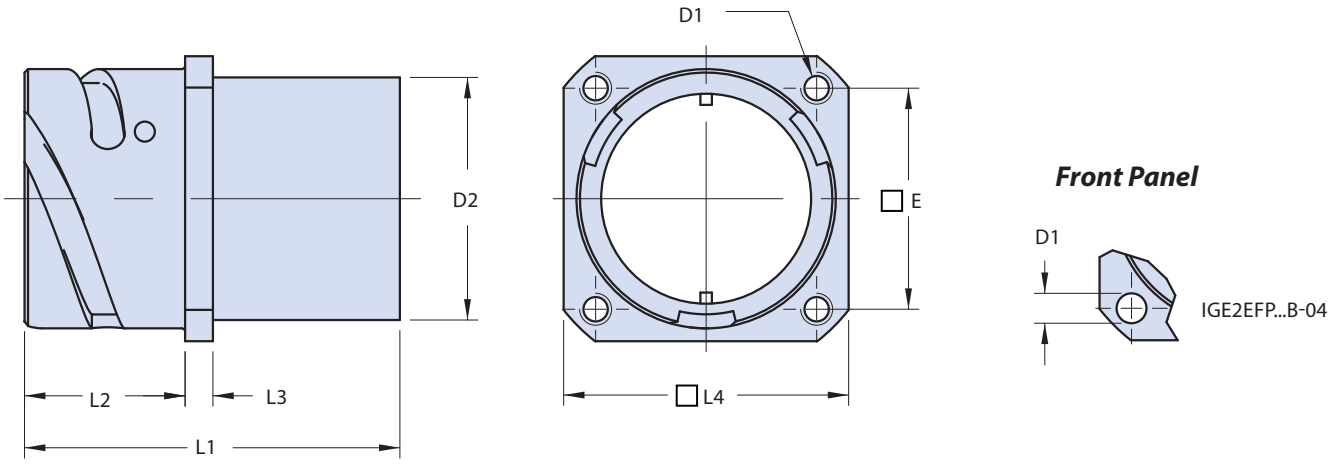
Basic Part Number	Connector Size	F - Socket Contacts Z - Pin Contacts	Bayonet Coupling	Finish Options *(See Table I)*
IGE	2E	22	H9	Z	W	B	-	04	XXX

Connector Style
IGE 2E - Rear Panel Mount with Threaded Holes
IGE 2EFP - Front Panel Mount with Through Holes

Contact Size

N - Standard Keyway
W - Alternate Keyway

Modifications



APPLICATION NOTES

1. Panel mount square flange receptacle—crimp contacts. Threaded mounting holes.
2. Standard Material Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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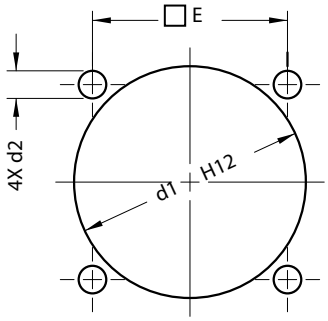
IGE 2E ... B-04 MB
Square Flange Panel Mount Receptacle with Crimp Contacts

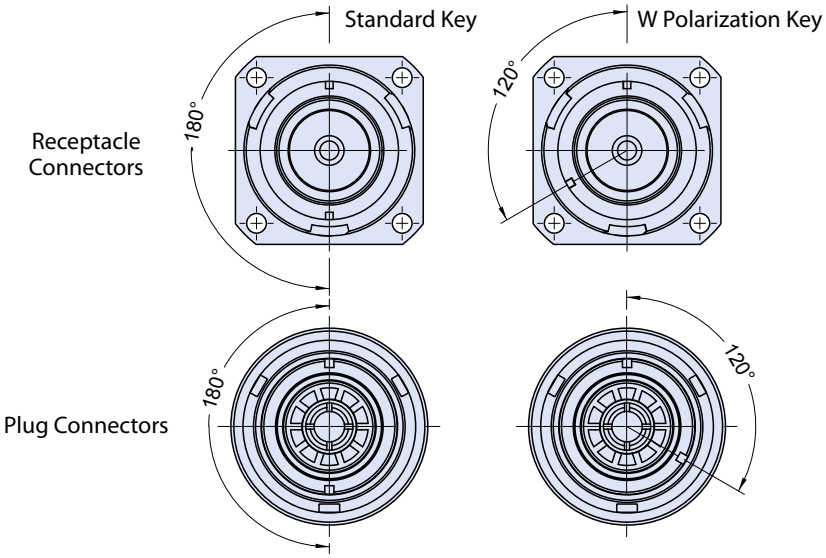
TABLE I: DIMENSIONS

Cable mm²	Size	D1 ±0.3		D2 ±0.15	□E ±0.1	L1 max	L2 ±0.4	L3 ±0.3	L4 ±0.3	Weight for Alloy Version (gr. max)
			(FP) H13							
25	**16**	M4	4.3	22.7	24.6	41.0	20.0	32.0	32.5	100
50	**18**	M4	4.3	27.0	27.0	50.0	23.15	4.0	35.0	150
95	**22**	M4	4.3	34.9	31.8	54.0	23.15	4.0	41.0	240
150	**28**	M4	5.3	44.4	39.7	65.3	24.15	4.0	50.8	420
240	**32**	M5	5.3	49.2	44.5	66.8	29.00	4.0	57.0	520

PANEL CUT-OUT

Size	d1		d2		□E
	Front	Rear	H13		
16	-	27.7	4.5	M4	24.6
18	27.4	31.1	4.5	M4	27.0
22	33.7	37.8	4.5	M4	31.8
28	43.3	47.1	5.5	M5	39.7
32	49.7	53.8	5.5	M5	44.5





Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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IGE 2E ... B-16 MB
Square Flange Panel Mount Receptacle with Threaded Contact Terminal

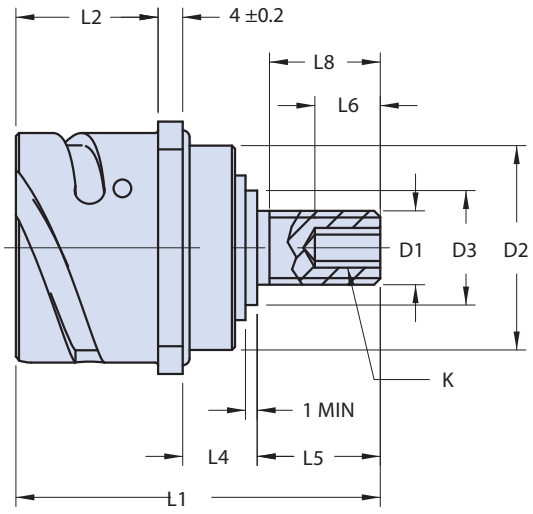
Basic Part Number	Connector Size	F - Socket Contacts Z - Pin Contacts	Bayonet Coupling	Finish Options *(See Table I)*
IGE	2E	22	H9	Z	W	B	-	16	XXX

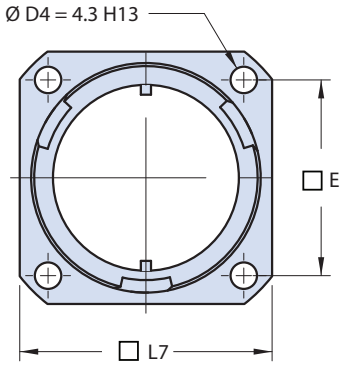
Connector Style
IGE 2E **- Front Panel Mount with Through Holes**
IGE 2EFF **- Rear Panel Mount with Threaded Holes**

Contact Size

N **- Standard Keyway**
W **- Alternate Keyway**

Modifications





Front Panel
IGE 2E FF ... B16

APPLICATION NOTES

1. Rear panel mount square flange receptacle—crimp contacts. Threaded mounting holes.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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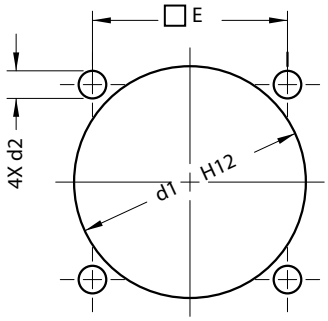
IGE 2E ... B-16 MB
Square Flange Panel Mount Receptacle with Threaded Contact Terminal

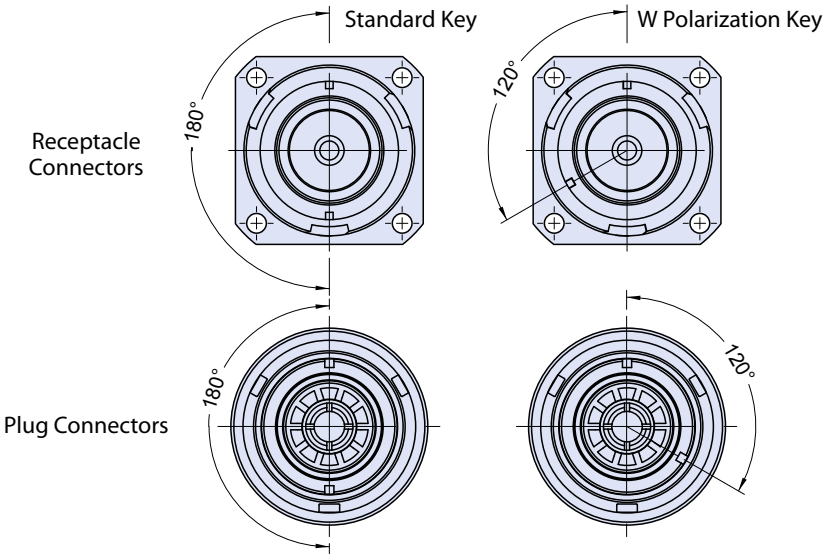
TABLE I: DIMENSIONS

Cable mm²	Size	D1	D2 +0 -0.15	D3 +0 -0.15	D4 ±0.3		□E ±0.1	K ±0.2	L1 max	L2 +0.4 -0	L4 ±1.5		L5 ±0.3	L6 ±0.3	L7 ±0.3	L8 Min	Weight for Alloy Version (gr. max)
						(FP) H13					(F)	(Z)					
50	**18**	M8	26.9	15.0	M4	4.3	27.0	3	55	23.05	12.0	12.0	15	10	35.0	12	195
95	**22**	M12	33.2	18.7	M4	4.3	31.8	6	66	23.05	13.5	12.0	25	8	41.0	22	250
150	**28**	M12	42.8	27.0	M4	5.3	39.7	6	62	24.05	12.0	12.0	20	8	50.8	16	430
240	**32**	M16	49.2	31.7	M4	5.3	44.5	8	78	28.90	14.0	14.0	30	8	57.0	27	530

PANEL CUT-OUT

Size	d1		d2		□E
	Front	Rear	H13		
18	27.4	31.1	4.5	M4	27.0
22	33.7	37.8	4.5	M4	31.8
28	43.3	47.1	5.5	M5	39.7
32	49.7	53.8	5.5	M5	44.5





Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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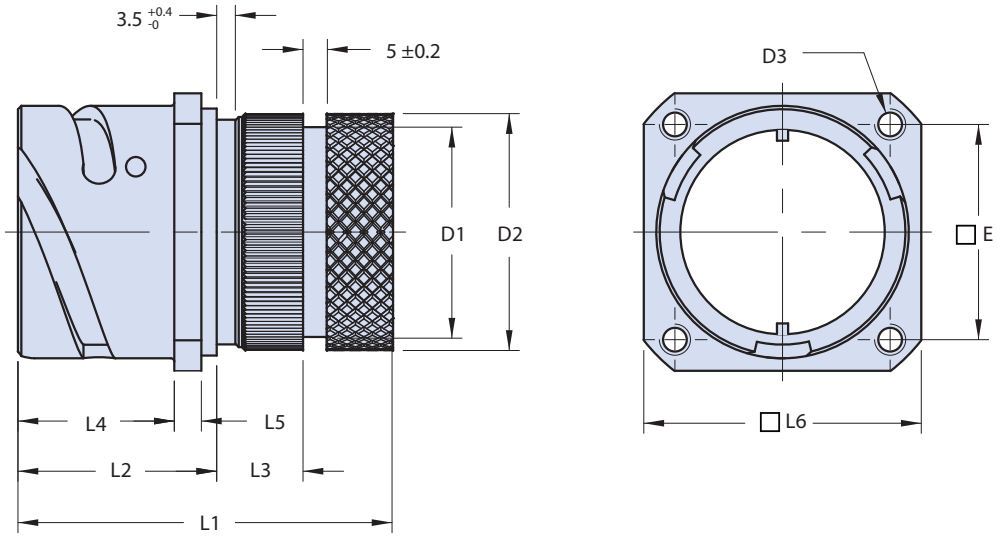
IGE 0E ... B-03 MB
Square Flange Rear Panel Mount Receptacle with Shrink Boot Adapter

Basic Part Number	Connector Size	F - Socket Contacts Z - Pin Contacts	Bayonet Coupling	Finish Options *(See Table I)*
IGE	0E 22	H9	Z	W	B	-	03	XXX
	Connector Style	Contact Size	N - Standard Keyway W - Alternate Keyway		Modifications	



APPLICATION NOTES

1. Rear panel mount square flange receptacle—crimp contacts. Threaded mounting holes.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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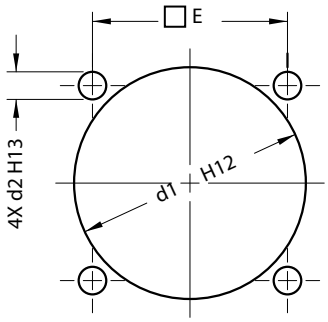
IGE 0E ... B-03 MB
Square Flange Rear Panel Mount Receptacle with Shrink Boot Adapter

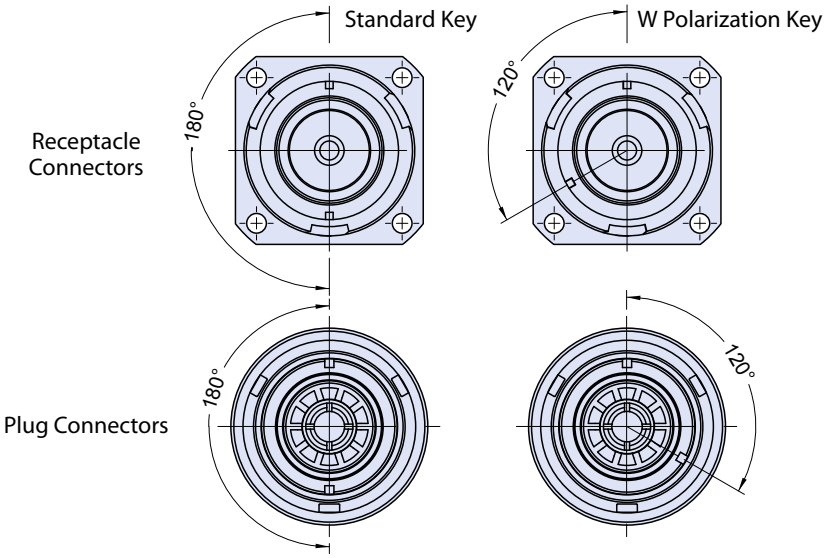
TABLE I: DIMENSIONS

Cable mm²	Size	D1 max	D2 max	D3	□E ±0.1	L1 ±0.4	L2 ±2	L3 opt	L4 ±0.4	L5 ±0.3	□L6 ±0.3	L7 ±0.3	Weight for Alloy Version (gr. max)
25	**16**	20.3	22.7	M4	24.6	41.0	29	-	20.00	3.2	32.5	50	120
50	**18**	25.8	28.4	M4	27.0	50.0	32	-	23.05	4.0	35.0	86	150
95	**22**	33.0	35.3	M4	31.8	54.0	34	-	23.05	4.0	41.0	127	240
150	**28**	41.3	44.8	M5	39.7	65.3	38	18	24.05	4.0	50.8	250	420
240	**32**	46.1	49.6	M5	44.5	66.8	39	18	28.90	4.0	57.0	305	520

PANEL CUT-OUT

Size	d1	d2	□E
16	27.7	4.5	24.6
18	31.1	4.5	27.0
22	37.8	4.5	31.8
28	47.1	5.5	39.7
32	53.8	5.5	44.5





Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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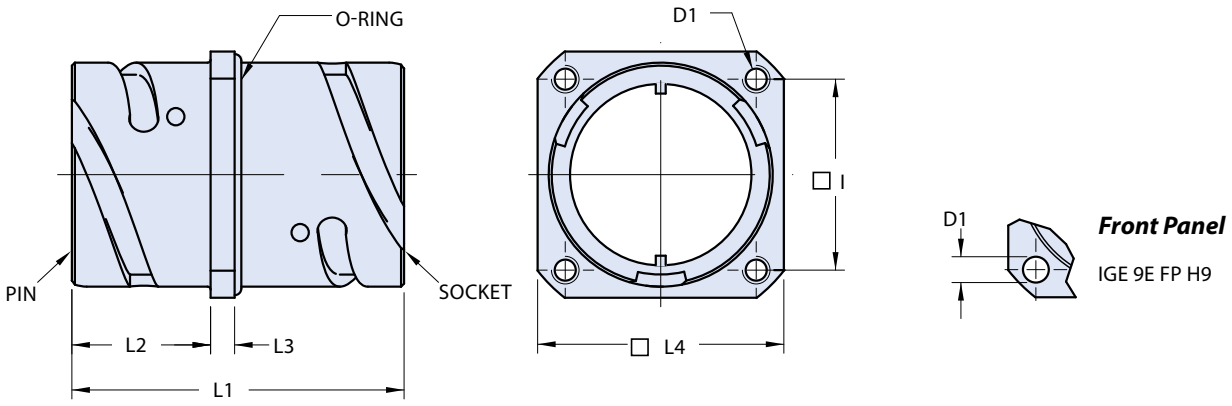
IGE 9E ... X-B MB and IGE 9EFP ... X-B MB
Square Flange Feed-Thru Receptacle with Threaded or Through Mounting Holes

Basic Part Number		Connector Size		N - Standard Keyway W - Alternate Keyway			Bayonet Coupling	Finish Options (See Table I)
IGE	9E	22	H9	W	X	-	B	XXX

- **9E** — Connector Style: *IGE 9E* - with Threaded Holes; *IGE 9EFP* - with Through Holes
- **H9** — Contact Size
- **X** — X - Both Pin and Socket Contacts



APPLICATION NOTES

1. Rear panel mount square flange receptacle—crimp contacts. Threaded mounting holes.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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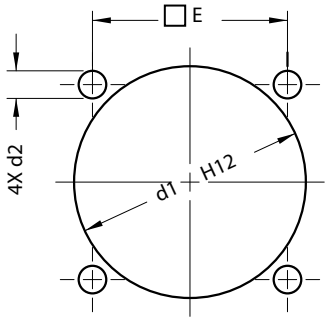
IGE 9E ... X-B MB and IGE 9EFP ... X-B MB
Square Flange Feed-Thru Receptacle
with Threaded or Through Mounting Holes

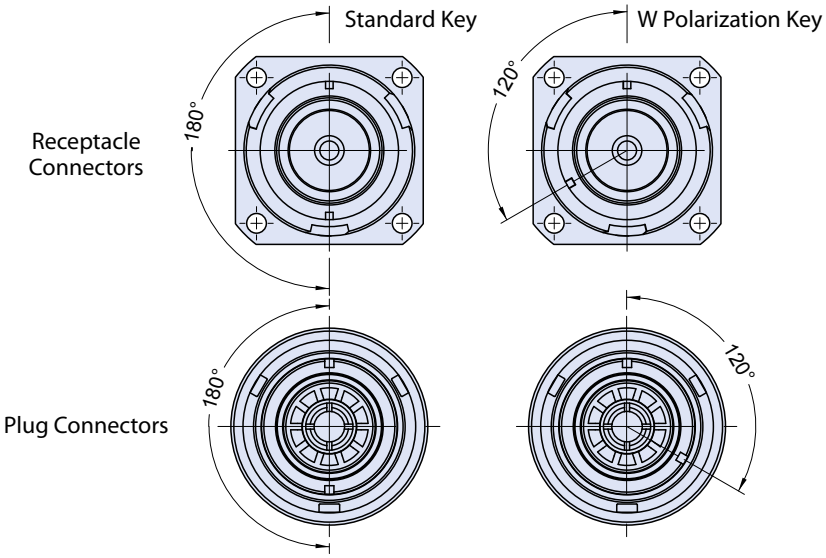
TABLE I: DIMENSIONS

Cable mm²	Size	D1 Max		□E ±0.1	L1 max	L2		L3 ±0.2	L4 ±0.3	Weight for Alloy Version (gr. max)
		Threaded	Through (FP)			Min	Max			
95	**22**	M4	4.3	31.8	52.1	19	24.0	4.0	41.0	260
150	**28**	M5	5.3	39.7	52.1	20.5	23.6	4.0	50.8	390
240	**32**	M5	5.3	44.5	60.5	21.5	25.2	4.0	57.0	490

PANEL CUT-OUT

Size	d1		d2		□E
	Front	Rear	H 13		
22	33.7	37.8	4.5	M4	31.8
28	43.3	47.1	5.5	M5	39.7
32	49.7	53.8	5.5	M5	44.5





Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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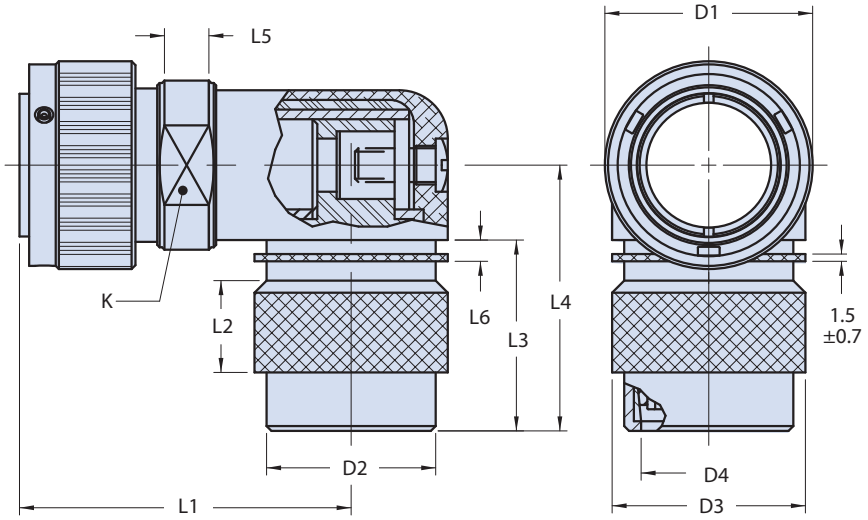
IGE 8E ... B-14 MB
90° Plug Connector with Grounding Fingers and Adapter for EMI/RFI Braid and Shrink Boot

Basic Part Number	Connector Size	F - Socket Contacts Z - Pin Contacts	Bayonet Coupling	Finish Options *(See Table I)*
IGE	8E	22	H9	Z	W	B	-	14	XXX

- **8E** — Connector Style
- **H9** — Contact Size
- **W** — *N* - Standard Keyway; *W* - Alternate Keyway
- **14** — Modifications



APPLICATION NOTES

1. 90° plug connector with grounding fingers and adapter for EMI/RFI braided shielding termination and shrink boot. Set screw termination.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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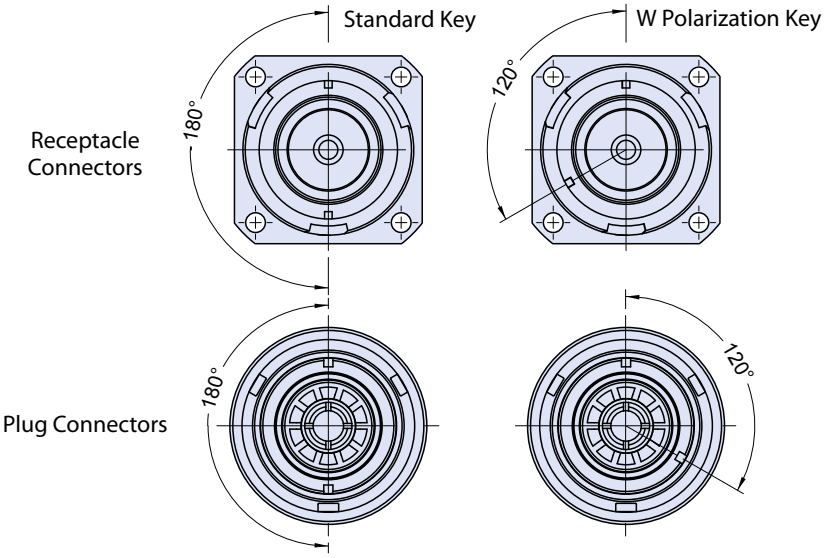
IGE 8E ... B-14 MB
90° Plug Connector with Grounding Fingers and Adapter for EMI/RFI Braid and Shrink Boot

TABLE I: DIMENSIONS

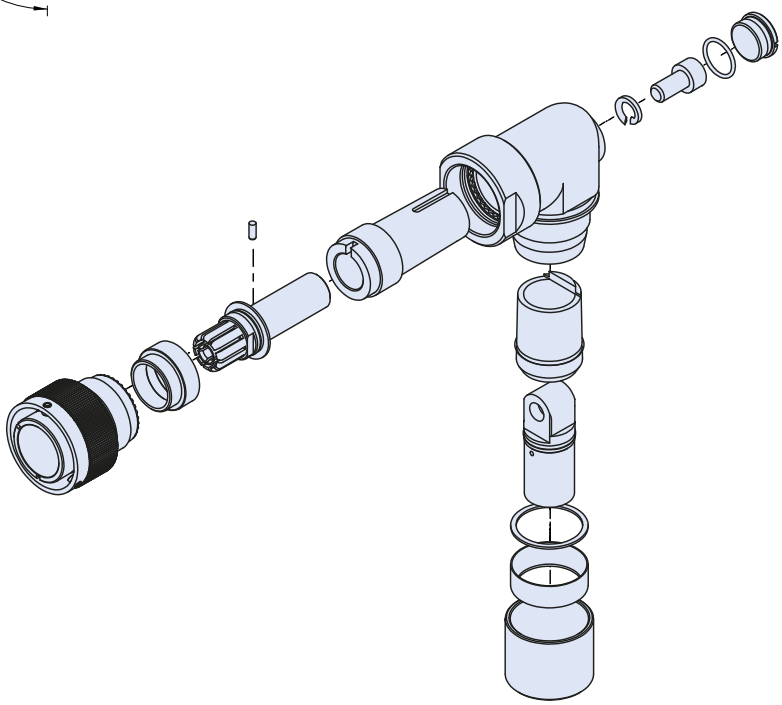
Cable mm²	Size	D1 Max	D2 Max	D3 Max	D4 ±0.3	K	L1 Max	L2 opt	L3 Max	L4 Max	L5 Min	L6 (tol.)	Weight for Alloy Version (gr. max)
95	**22**	43.1	39.0	42.5	28	38	81	19.0	41.5	57	6.0	2.9 (± 0.5)	750
150	**28**	53.5	43.7	48.0	29	50	79	20.6	41.5	58	7.5	3.2 (±0.2)	1076
240	**32**	60.1	48.6	52.5	42	52	84	22.2	41.5	65	6.0	3.2 (±0.2)	1340



Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°



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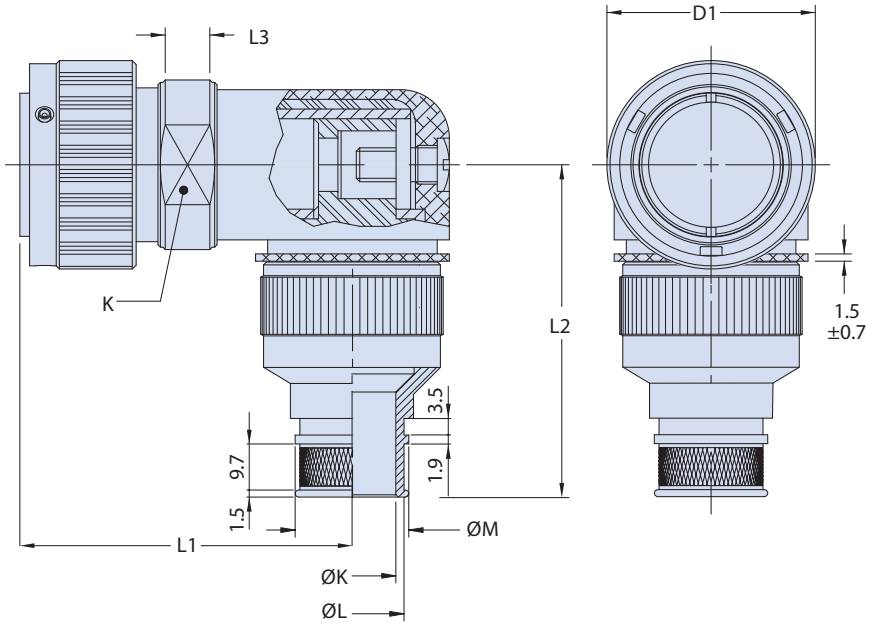
IGE 8E ... ZL MB
90° Plug Connector with Grounding Fingers and BAND-IT Backshell

Basic Part Number	Connector Size	Contact Size	F - Socket Contacts Z - Pin Contacts		Bayonet Coupling		Entry Size (See Table)	Finish Options (See Table I)
IGE	8E	22	H9	- 70	Z	W	B	- ZL	1	XXX

- **Connector Style**
- **Contact bucket in mm²**
  example: 70 = 70 mm²
  Omit for Contact Standard (See Table)
- ***N*** **- Standard Keyway**
  W **- Alternate Keyway**
- ***ZL*** **- without *BAND-IT*®**
  ZLF **- with *BAND-IT*®**



APPLICATION NOTES

1. 90° plug connector with grounding fingers and adapter for EMI/RFI braided shield using stainless steel BAND-IT® band and shrink boot.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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IGE 8E ... ZL MB
90° Plug Connector with Grounding Fingers and BAND-IT Backshell

DIMENSIONS

Cable mm²	Size	D1 Max	K	L1 Max	L2 Max	L3 Max	Entry Size [a]	Weight for Alloy Version (gr. max)
95	**22**	43.1	38	81	80	41.5	6÷11	750
150	**28**	53.5	50	79	90	41.5	9÷14	1076
240	**32**	60.1	52	84	100	41.5	14÷19	1340

a) For further entry size, please consult factory

ENTRY SIZE TABLE

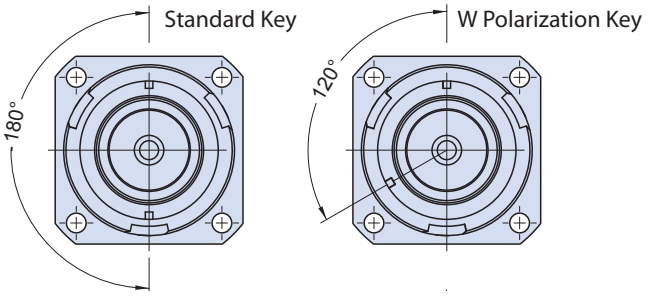
Entry Size	ØK	ØL	ØM
01	3.2	6.4	7.9
02	4.8	7.9	9.5
03	6.4	9.5	11.1
04	7.9	11.1	12.7
05	9.5	12.7	14.3
06	11.1	14.3	15.8
07	12.7	15.9	17.4
08	14.3	17.5	19.1
09	15.9	19.1	20.6
10	17.5	20.6	22.2
11	19.1	22.2	23.8
12	20.6	23.8	25.4
13	22.2	25.4	27.0
14	23.8	27.0	28.5
15	25.4	28.6	30.1
16	27.0	30.2	31.8
17	28.6	31.8	33.3
18	31.8	34.9	36.5
19	34.9	38.1	39.7
20	38.1	41.3	42.8
21	41.3	44.5	46.0
22	44.5	47.6	49.2
23	47.6	50.8	52.4
24	50.8	54.0	55.5

Alternate Keyway Positions

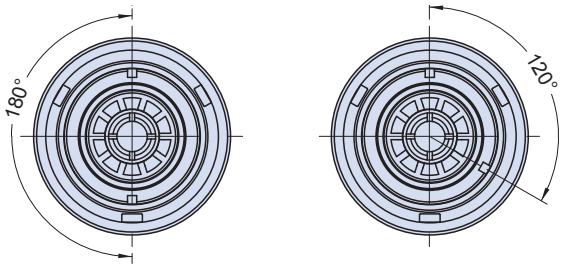
To avoid mismating of similar connectors, VG96929 connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

Receptacle Connectors



Plug Connectors



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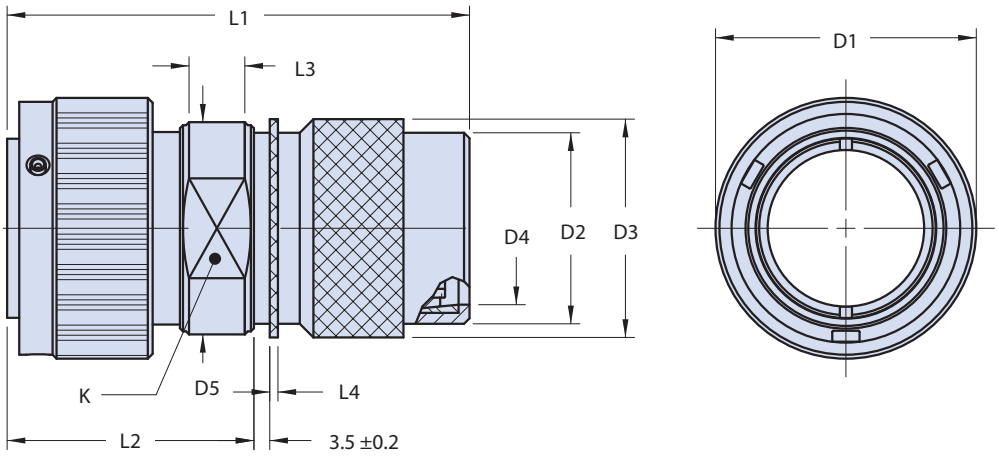
IGE 6E ... B-14 MB
Straight Plug Connector with Grounding Fingers and Adapter for EMI/RFI Braid and Shrink Boot

Basic Part Number	Connector Size	F - Socket Contacts Z - Pin Contacts	Bayonet Coupling	Modifications	
IGE	6E	22	H9	Z	W	B	-	14	XXX

- **6E** — Connector Style
- **H9** — Contact Size
- **W** — N - Standard Keyway; W - Alternate Keyway
- **XXX** — Finish Options *(See Table I)*



APPLICATION NOTES

1. Straight plug connector with grounding fingers and adapter for EMI/RFI braided shielding termination and shrink boot.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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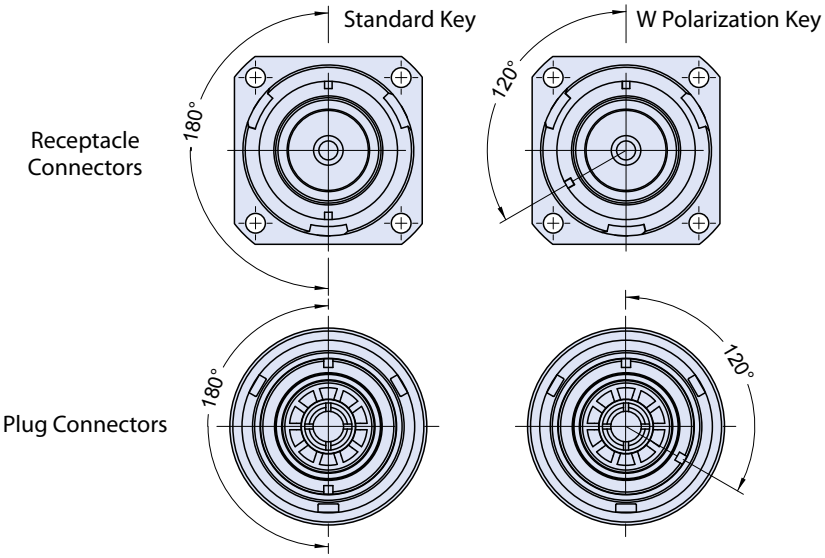
IGE 6E ... B-14 MB
Straight Plug Connector with Grounding Fingers and Adapter for EMI/RFI Braid and Shrink Boot

TABLE I: DIMENSIONS

Cable mm²	Size	D1 Max	D2 Max	D3 Max	D4 Min	D5 Max	K	L1 Max	L2 Max	L3 Min	L4 ±0.7	Weight for Alloy Version (gr. max)
25	**16**	32.0	24.1	26.0	15.5	32.0	26	70	45.6	8	1.0	80
50	**18**	36.5	28.8	32.0	20.0	36.5	32	76	51.1	6	1.0	156
95	**22**	43.1	34.1	37.0	25.5	46.0	38	86	61.0	9	1.0	204
150	**28**	53.5	40.7	44.0	32.0	53.0	50	98	71.7	9	1.0	300
240	**32**	60.1	47.3	51.6	38.0	60.0	52	98	70.7	12	2.0	450



Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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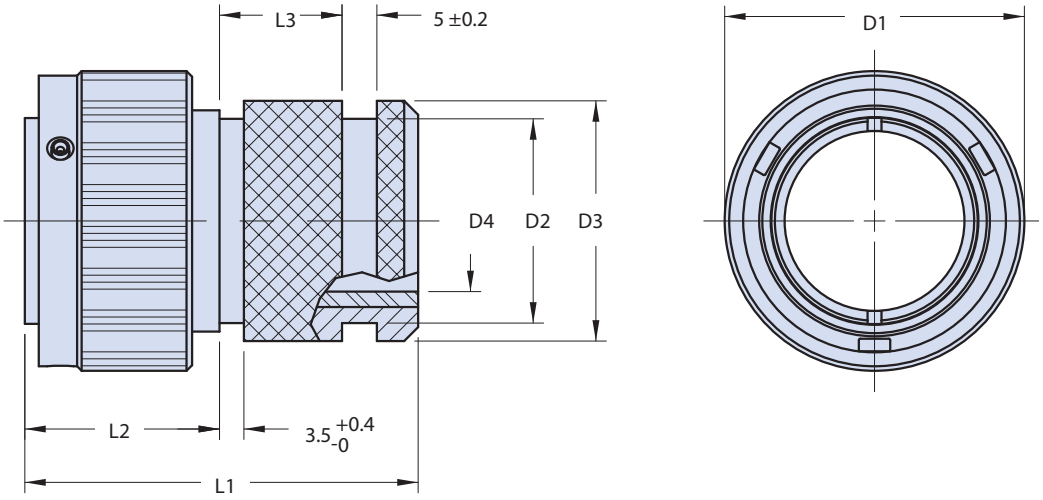
IGE 6E ... B-03 MB
Straight Plug Connector with Shrink Boot Adapter

Basic Part Number		Connector Size	*F* - Socket Contacts *Z* - Pin Contacts		Bayonet Coupling		Finish Options *(See Table I)*
IGE	6E	22	H9	Z	W	B - 03	XXX
	Connector Style		Contact Size		*N* - Standard Keyway *W* - Alternate Keyway	Modifications	



APPLICATION NOTES

1. Straight plug connector with grounding fingers and adapter for EMI/RFI braided shielding termination and shrink boot.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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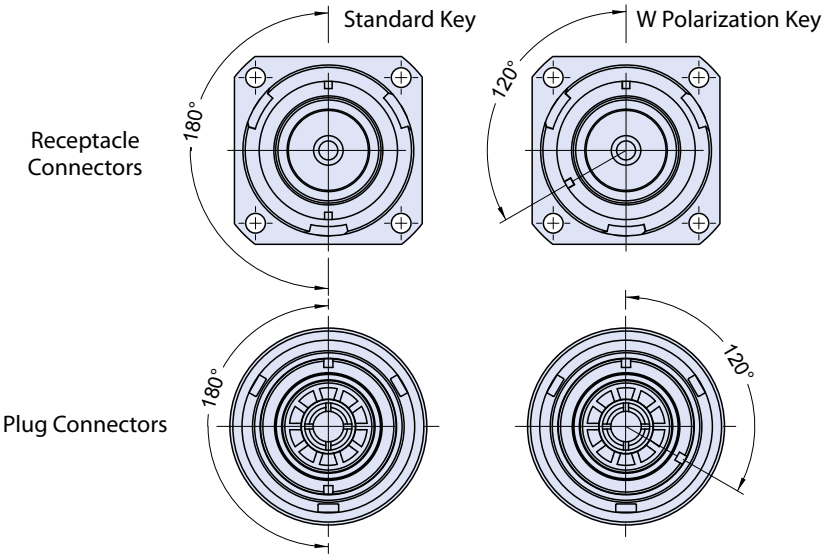
IGE 6E ... B-03 MB
Straight Plug Connector with Shrink Boot Adapter

TABLE I: DIMENSIONS

Cable mm²	Size	D1 Max	D2 Max	D3 Max	D4 Min	L1 Max	L2 Max	L3 Opt	Weight for Alloy Version (gr. max)
25	**16**	32.0	20.3	22.7	14.0	44	25	-	115
50	**18**	36.5	25.8	28.4	19.0	53	33	-	185
95	**22**	43.1	31.5	35.3	23.9	57	37	13.3	250
150	**28**	53.5	41.3	44.8	27.3	65	37	18.0	460
240	**32**	60.1	46.1	49.6	32.8	65	39	15.0	540



Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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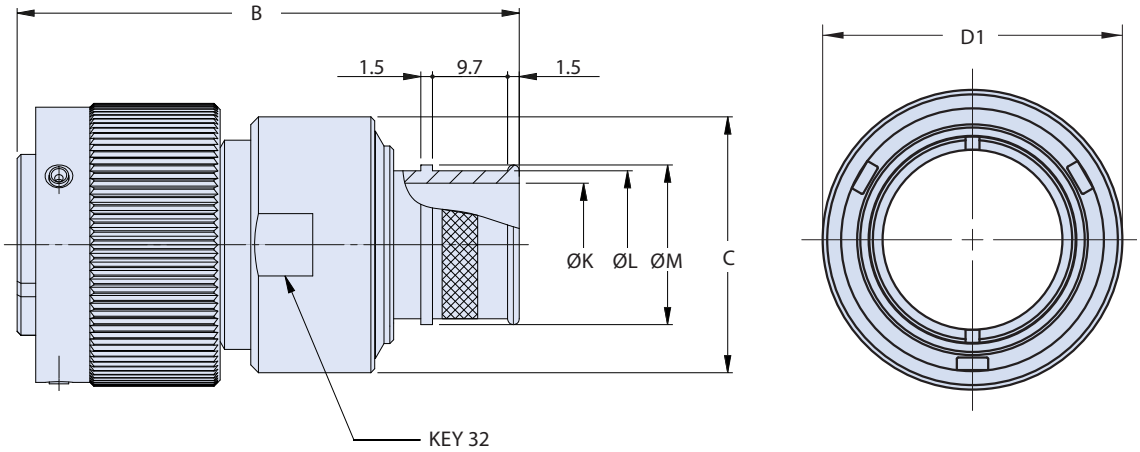
IGE 6E ... ZL
Straight Plug Connector
with BAND-IT Backshell

Basic Part Number	Connector Style		Contact Size	F - Socket Contacts Z - Pin Contacts		Bayonet Coupling		Entry Size (See Table)	
IGE	6E	18	H5	Z	W	B	- ZL	1	XXX
		Connector Size			N - Standard Keyway W - Alternate Keyway		Backshell for Use with Heat Shrink Boot ZL - without BAND-IT® ZLF - with BAND-IT®		Finish Options (See Table I)



APPLICATION NOTES

1. Straight plug connector with adapter for EMI/RFI braided shield using stainless steel BAND-IT® band and shrink boot.
2. Standard Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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IGE 6E ... ZL
Straight Plug Connector
with BAND-IT Backshell

DIMENSIONS

Cable mm²	Size	B Max	C ±0.2	D1 Max	ØK ±0.1	ØL ±0.1	ØM ±0.1	Entry Size [a]	Weight for Alloy Version (gr. max)
95	**22**	70	33	43.1	15.9	19.1	20.6	08÷11	100

a) For further entry size, please consult factory

ENTRY SIZE TABLE

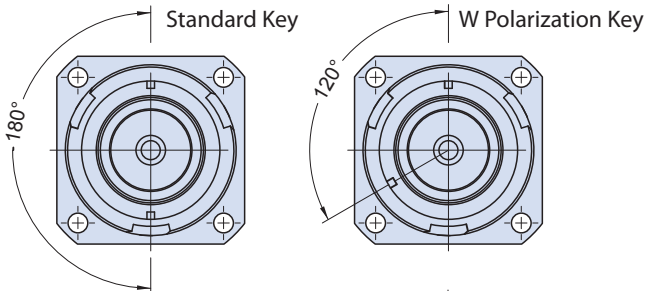
Entry Size	ØK	ØL	ØM
01	3.2	6.4	7.9
02	4.8	7.9	9.5
03	6.4	9.5	11.1
04	7.9	11.1	12.7
05	9.5	12.7	14.3
06	11.1	14.3	15.8
07	12.7	15.9	17.4
08	14.3	17.5	19.1
09	15.9	19.1	20.6
10	17.5	20.6	22.2
11	19.1	22.2	23.8
12	20.6	23.8	25.4
13	22.2	25.4	27.0
14	23.8	27.0	28.5
15	25.4	28.6	30.1
16	27.0	30.2	31.8
17	28.6	31.8	33.3
18	31.8	34.9	36.5
19	34.9	38.1	39.7
20	38.1	41.3	42.8
21	41.3	44.5	46.0
22	44.5	47.6	49.2
23	47.6	50.8	52.4
24	50.8	54.0	55.5

Alternate Keyway Positions

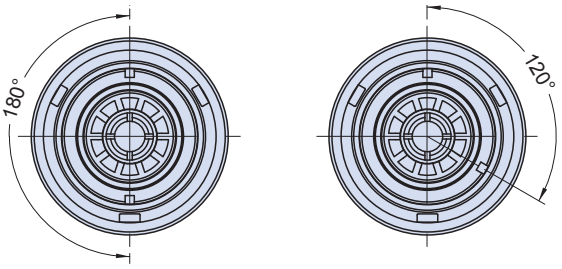
To avoid mismating of similar connectors, VG96929 connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

Receptacle Connectors



Plug Connectors



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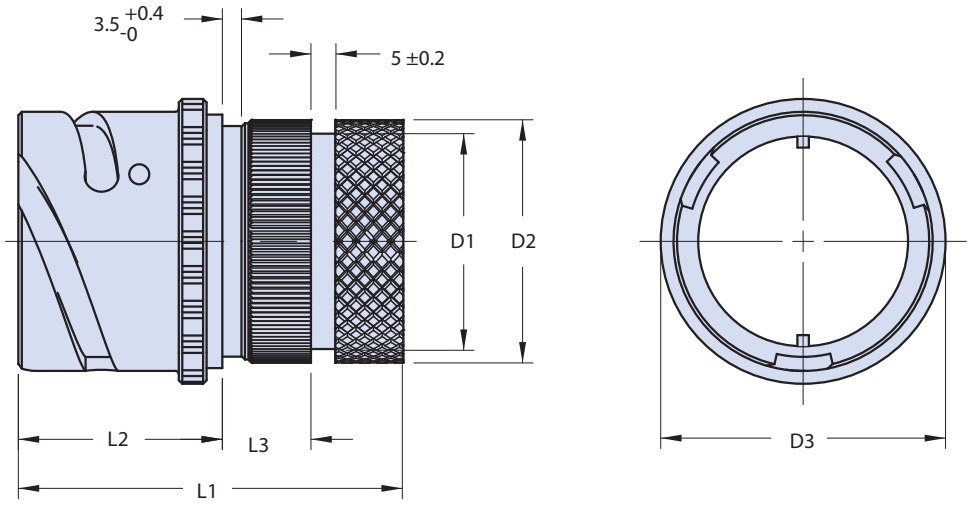
IGE 1E ... B-03 MB
In-Line Receptacle with Shrink Boot Adapter

Basic Part Number		Connector Size		*F* - Socket Contacts *Z* - Pin Contacts		Bayonet Coupling		Finish Options *(See Table I)*
IGE	1E	22	H9	Z	W	B	- 03	XXX
	Connector Style		Contact Size		*N* - Standard Keyway *W* - Alternate Keyway		*03* - In-Line Receptacle with Shrink Boot Adapter	



APPLICATION NOTES

1. In-line receptacle with shrink boot adapter.
2. Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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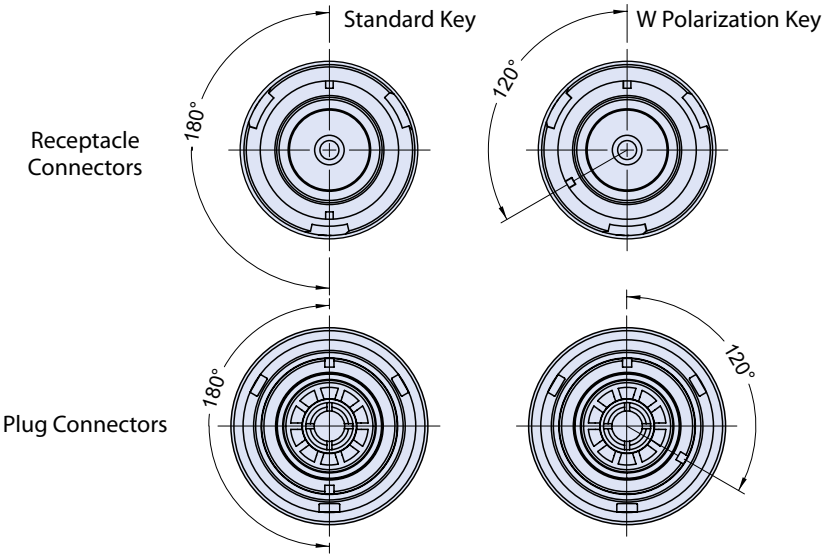
IGE 1E ... B-03 MB
In-Line Receptacle with Shrink Boot Adapter

TABLE I: DIMENSIONS

Cable mm²	Size	D1 Max	D2 Max	D3 ±0.3	L1 ±0.4	L2 ±2	L3 Opt	Weight for Alloy Version (gr. max)
25	**16**	20.3	22.7	32.5	41.0	29	-	50
50	**18**	25.8	28.4	35.0	50.0	32	-	86
95	**22**	31.5	35.3	41.0	54.0	34	-	127
150	**28**	41.3	44.8	50.8	65.3	38	18	250
240	**32**	46.1	49.6	57.0	66.8	39	18	305



Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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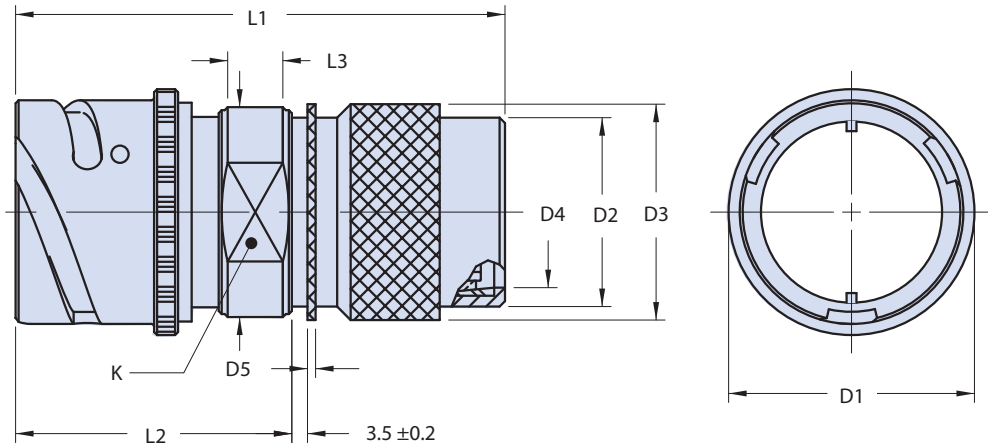
IGE 1E ... B-14
In-Line Receptacle with Adapter for EMI/RFI Braided Shield and Shrink Boot

Basic Part Number		Connector Size		F - Socket Contacts Z - Pin Contacts		Bayonet Coupling		14 - In-Line Receptacle with Adapter for EMI/RFI Braided Shield and Shrink Boot	
IGE	1E	22	H9	Z	W	B	- 14		XXX
	Connector Style 1E - In-Line Receptacle		Contact Size		N - Standard Keyway W - Alternate Keyway				Finish Options (See Table I)



APPLICATION NOTES

1. In-Line Receptacle with adapter for EMI/RFI braided shield and shrink boot.
2. Standard Material/Finish:
   Shell, adapter and coupling nut - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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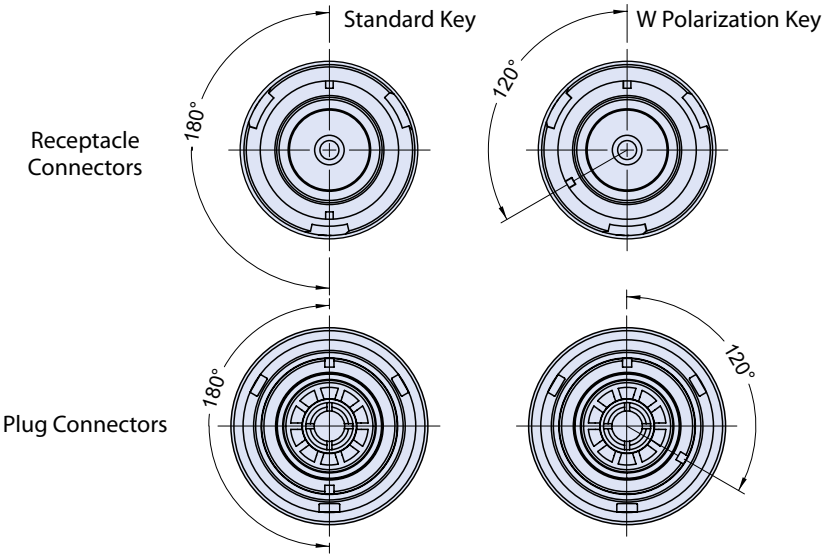
IGE 1E ... B-14
In-Line Receptacle with Adapter for EMI/RFI Braided Shield and Shrink Boot

TABLE I: DIMENSIONS

Cable mm²	Size	D1 ±0.3	D2 max	D3 max	D4 min	D5 max	K	L1 max	L2 max	L3 min	L4 ±0.7	Weight for Alloy Version (gr. max)
25	**16**	32.0	24.1	26.0	15.5	32.0	26	70	45.6	8	1.0	80
50	**18**	35.0	28.8	32.0	20.0	36.5	32	76	51.1	6	1.0	156
95	**22**	41.0	34.1	37.0	25.5	46.0	38	86	61.0	9	1.0	204
150	**28**	50.8	40.7	44.0	32.0	53.0	50	98	71.7	9	1.0	300
240	**32**	57.0	47.3	51.6	38.0	60.0	52	98	70.7	12	2.0	450



Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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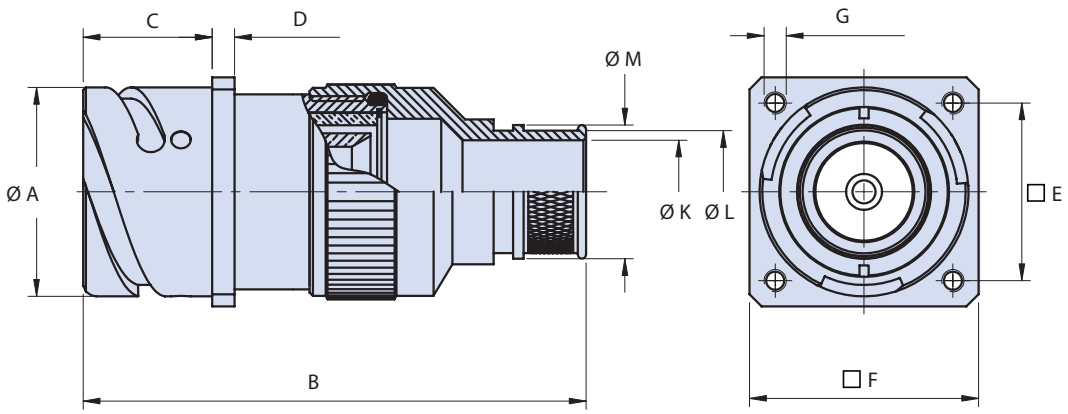
IGE 0E ... ZL
Square Flange Rear Panel Mount Receptacle with BAND-IT Backshell

Basic Part Number		Connector Size		F - Socket Contacts Z - Pin Contacts		Backshell for Use with Heat Shrink Boot ZL - without BAND-IT® ZLF - with BAND-IT®			
IGE	0E	22	H9	Z	W	B	-	ZL	XXX
	Connector Style 0E - Fixed Connector with Square Flange with 4 Threaded Holes for Rear Panel Mounting		Contact Size		N - Standard Keyway W - Alternate Keyway	Bayonet Coupling			Finish Options (See Table I)



APPLICATION NOTES

1. Square flange rear mounted receptacle with adapter for EMI/RFI braided shield using stainless steel BAND-IT® band and shrink boot.
2. Standard Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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IGE 0E ... ZL
Square Flange Rear Panel Mount Receptacle with BAND-IT Backshell

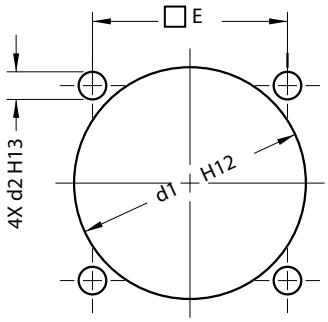
TABLE I: DIMENSIONS

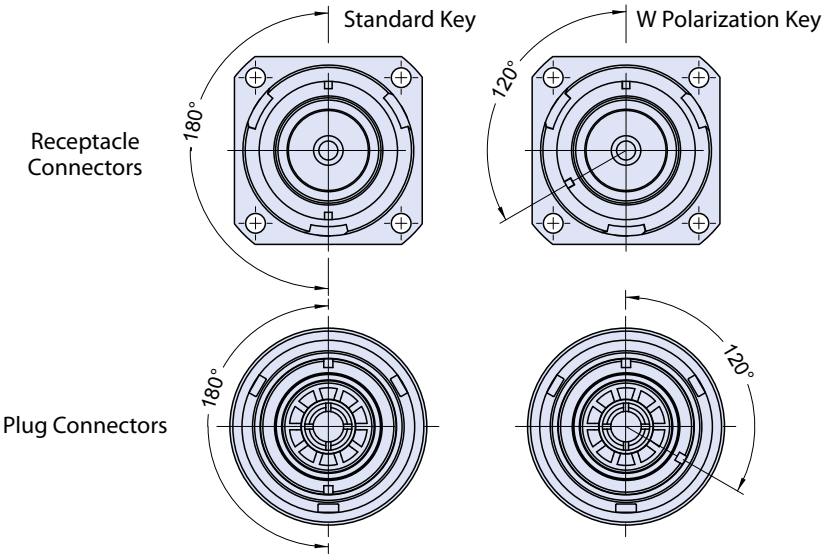
Cable mm²	Size	ØA 0 / -0.1	B Max	C ±0.2	D ±0.2	□E ±0.1	□F ±0.2	G Thread	ØK ±0.1	ØL ±0.1	ØM ±0.1	Weight for Alloy Version (gr. max)
95	**22**	37.4	90	23.05	4.0	31.8	41.0	M4	19.0	21.7	23.3	170

Please consult the factory for additional sizes.

PANEL CUT-OUT

Size	d1	d2	□E
22	37.8	4.5	31.8





Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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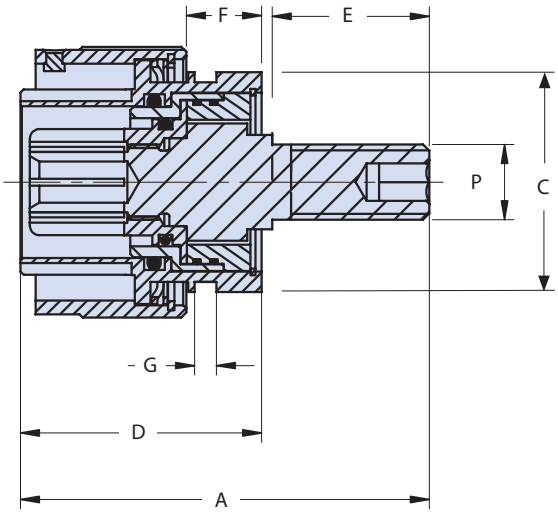
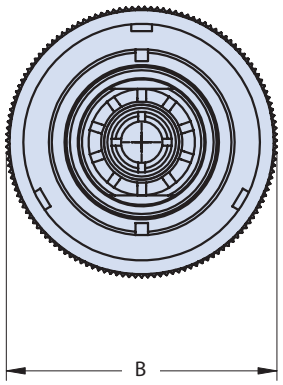
IGE 6E ... 16
Straight Plug with Threaded Contact Terminal

Basic Part Number		Connector Size		*F* - Socket Contacts *Z* - Pin Contacts			*16* - Threaded Contact on the Plug Connector		
IGE	6E	22	H9	F	W	B	-	16	XXX
	Connector Style ***6E*** **- Straight Plug Connector, with Threaded Contact Terminal. To be used with Heat Shrink Boot.**		**Contact Size**	***N*** **- Standard Keyway** ***W*** **- Alternate Keyway**		**Bayonet Coupling**			**Finish Options** *(See Table I)*





APPLICATION NOTES

1. Straight plug connector with threaded contact terminal.
2. Standard Material/Finish:
   Shell - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A7 and A8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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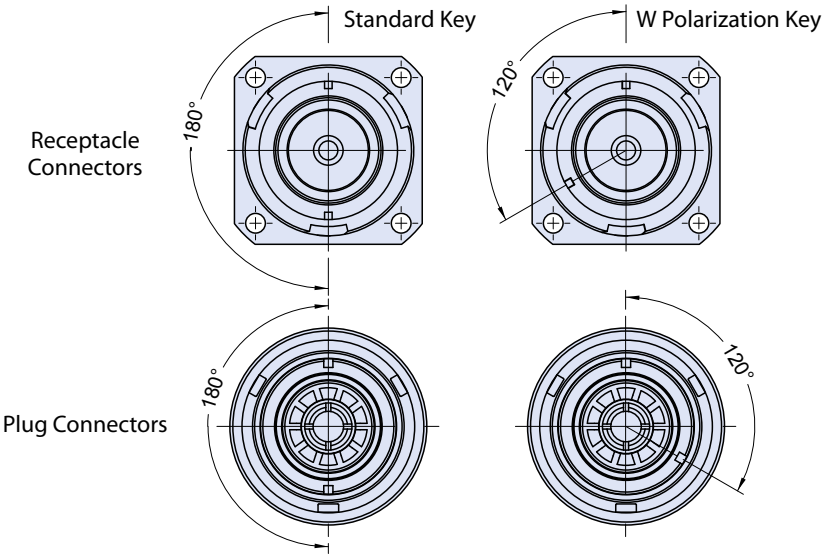
IGE 6E ... 16
Straight Plug with Threaded Contact Terminal

TABLE I: DIMENSIONS

Cable mm²	Size	A ±0.5	B Max	C Max	D ±0.1	E ±0.1	F ±0.1	G ±0.1	P Thread	Weight for Alloy Version (gr. max)
95	**22**	65.5	43.2	36.0	38.5	25.0	12.0	3.5	M12	300
150	**28**	60.1	53.5	43.0	38.1	20.0	10.0	3.5	M12	450
240	**32**	75.0	60.1	49.5	42.5	30.0	11.0	3.5	M16	550

Please consult the factory for additional sizes.



Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

C

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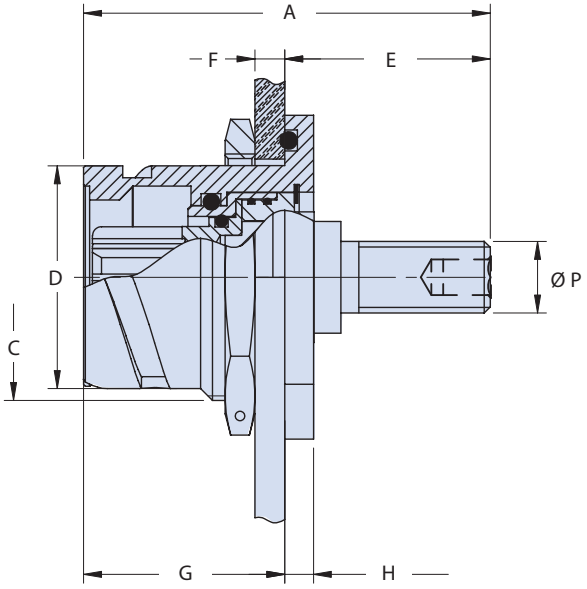
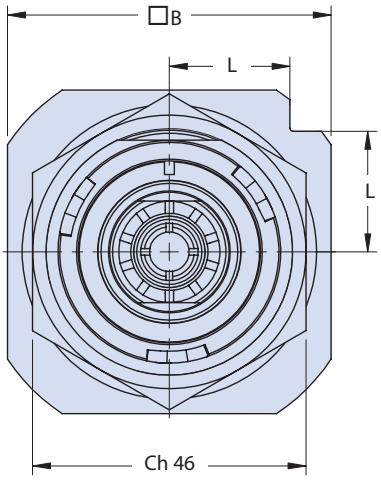
IGE 7E
Jam Nut Receptacle with Threaded Contact Terminal

Basic Part Number		Connector Size	Contact Size					
IGE	7E	22	H9	F	W	B	- 16	XXX

- **7E** - Connector Style: *7E* - Jam Nut Receptacle with Bayonet Coupling
- **F** - Socket Contacts; **Z** - Pin Contacts
- **N** - Standard Keyway; **W** - Alternate Keyway
- **B** - Bayonet Coupling
- **16** - Jam Nut Receptacle with Threaded Contact
- **XXX** - Finish Options *(See Table I)*





APPLICATION NOTES

1. Jam nut receptacle with threaded contact terminal.
2. Standard Material/Finish:
   Shell, adapter and coupling nut - Aluminum alloy/olive drab passivation.
   Insert - PTFE (Teflon)/N.A.
   Contact - Copper alloy/silver plating (See pages A-7 and A-8 for additional contact information).
3. All dimensions are metric unless otherwise noted.

TABLE I: FINISH OPTIONS

Sym	Description	RoHS
	Omit for Aluminum/Cadmium Olive Drab	
TZ	Tin-Zinc	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

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IGE 7E
Jam Nut Receptacle with Threaded Contact Terminal

TABLE I: DIMENSIONS

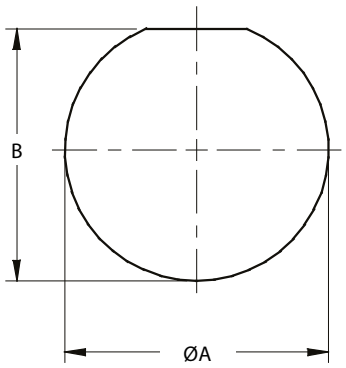
Cable mm²	Size	ØA ±0.1	□B ±0.2	P Metric Thread	C Inches	ØD 0 / -0.1	E ±0.1	F ±0.2	G ±0.2	H ±0.2	L ±0.1	Ch	Weight for Alloy Version (gr. max)
95	**22**	68.0	54.0	M12	1 5/8 - 18	37.4	34.0	2.4 ÷ 9.1	33.7	4.8	20.0	Ch 46	150

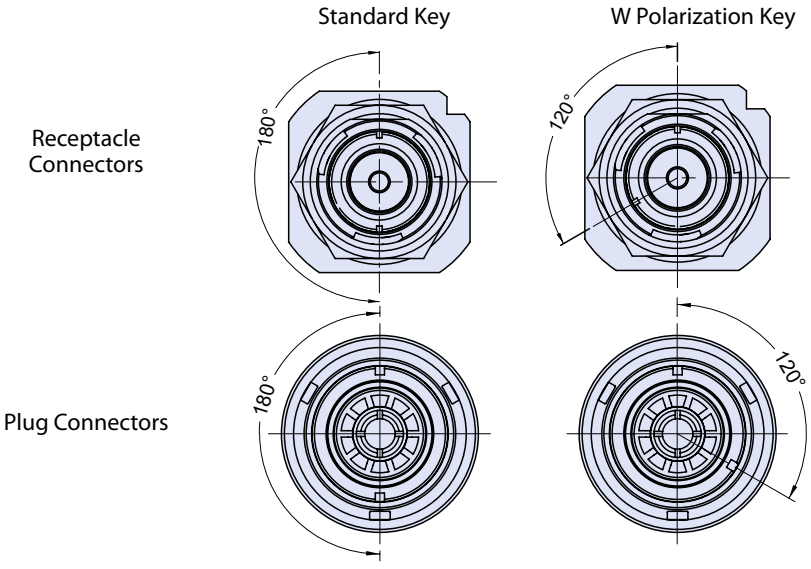
Please consult the factory for additional sizes.

PANEL CUT-OUT DIMENSIONS

Size	ØA ±0.1	B ±0.2
22	41.45	40.05

Panel Cut-Out





Alternate Keyway Positions

To avoid mismating, connectors are available with keyway in two different positions as shown below:

N: 180°
W: 120°

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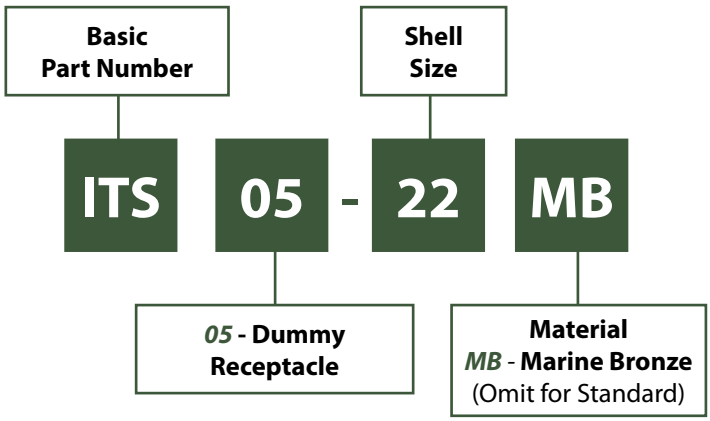
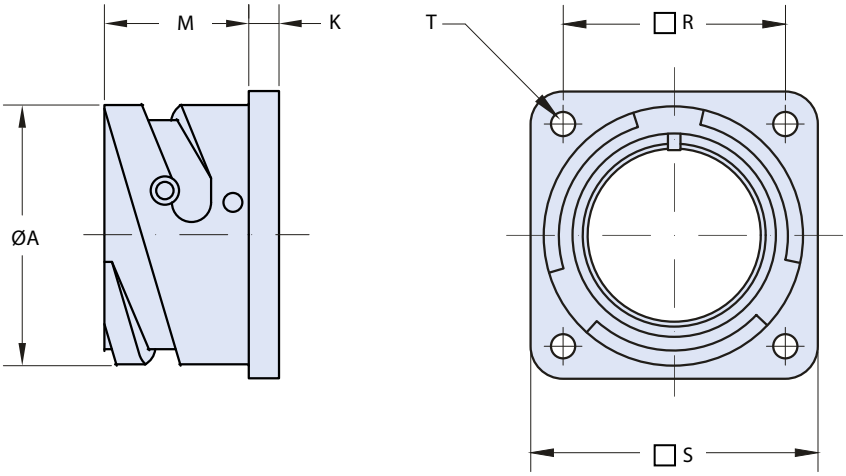
ITS 05 - XX
Dummy Stowage Receptacle





D

TABLE I: DIMENSIONS

Part Number	Shell Size	ØA +0 -0.1	K ±0.2	M +0.2 -0	□R ±0.1	□S +0.2	ØT +0.1 -0	Weight (gr. max)
ITS 05-16	**16**	27.2	3.3	14.5	24.60	32.5	3.2	25
ITS 05-18	**18**	30.7	4.0	19.1	27.00	35.0	3.2	35
ITS 05-22	**22**	37.3	4.0	19.6	31.75	41.0	3.2	45
ITS 05-28	**28**	46.7	4.0	20.7	39.70	50.9	3.7	60
ITS 05-32	**32**	53.4	4.0	22.3	44.5	57.0	4.3	70

Application Notes

1. Dummy receptacle to protect the plug connector when not in use.
2. Standard Material/Finish:
   Shell1 - Aluminum alloy/olive drab passivation.
3. All dimensions are metric unless otherwise noted.

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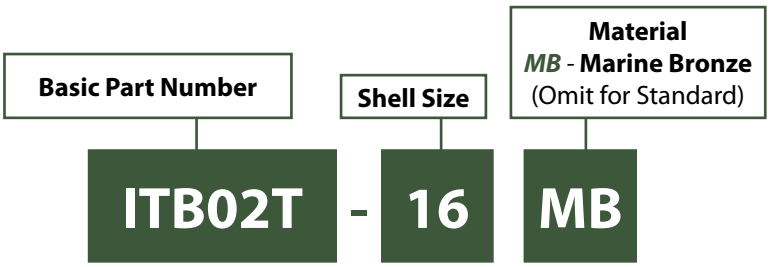
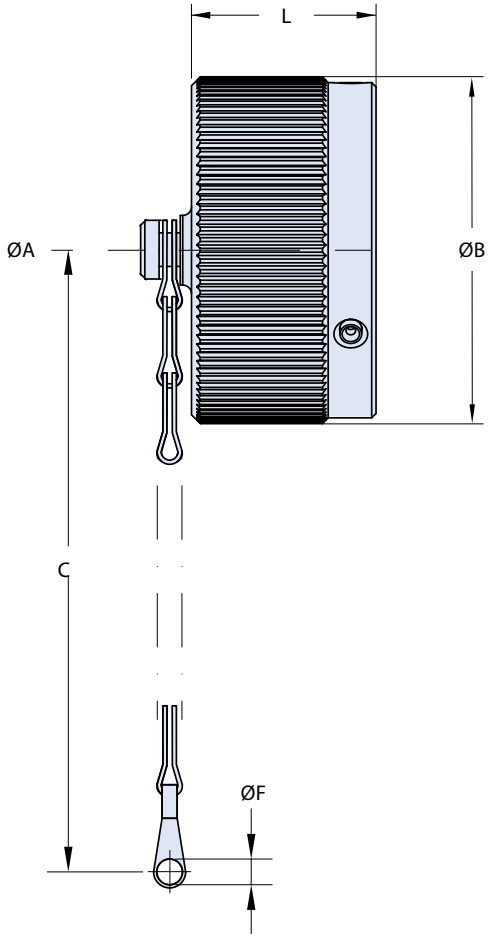
ITB02T
Receptacle Connector Cap with Stainless Steel Chain





D

TABLE I: DIMENSIONS

Part Number	Shell Size	ØA max	ØB ±0.1	C min	ØF +0.2 -0	L max	Weight (gr. max)
ITB02T-16	16	32.5	31.6	108	4.3	15.5	20
ITB02T-18	18	36.4	35.1	123	4.3	21.2	25
ITB02T-22	22	43.5	41.7	123	4.3	21.2	30
ITB02T-28	28	54.0	52.0	206	5.68	21.2	40
ITB06T-32	32	60.0	58.7	206	5.6	21.2	50

Application Notes

1. Receptacle Connector Cap with stainless steel chain.
2. Standard Material/Finish:
   Cover - Aluminum alloy/olive drab passivation.
   Chain - Stainless steel/passivated.
3. All dimensions are metric unless otherwise noted.

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ITB06T
Plug Connector Cap with Stainless Steel Chain

Basic Part Number	Shell Size	Material
ITB06T	16	MB

Material
MB **- Marine Bronze**
(Omit for Standard)

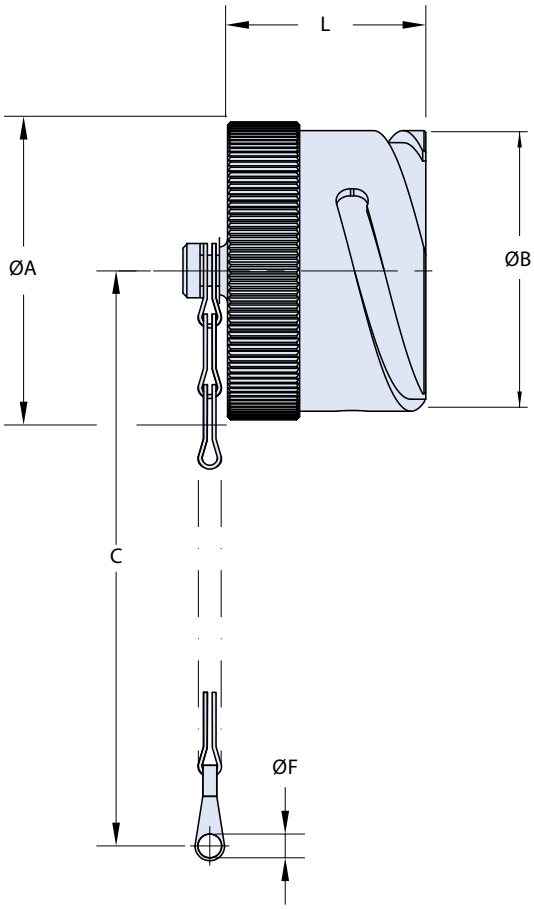

TABLE I: DIMENSIONS

Part Number	Shell Size	ØA max	ØB ±0.1	C min	ØF +0.2 -0	L max	Weight (gr. max)
ITB06T-16	16	32.5	27.4	123	4.3	24.0	35
ITB06T-18	18	36.4	30.8	123	4.3	33.0	45
ITB06T-22	22	43.5	37.4	138	4.8	33.0	55
ITB06T-28	28	54.0	46.7	206	4.8	33.0	70
ITB06T-32	32	60.0	53.4	206	5.6	34.2	80

Application Notes

1. Plug Connector Cap with stainless steel chain.
2. Standard Material/Finish:
   Cover - Aluminum alloy/olive drab passivation.
   Chain - Stainless steel/passivated.
3. All dimensions are metric unless otherwise noted.

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ITB07T-XX
Jam Nut Connector Cap with Stainless Steel Chain

Basic Part Number		Material
		MB - **Marine Bronze** (Omit for Standard)
ITB07T	**- 32**	**MB**

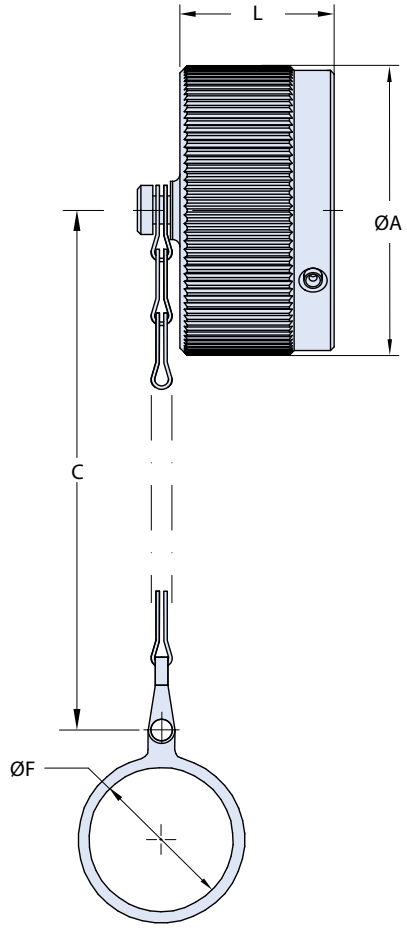

TABLE I: DIMENSIONS

Part Number	Shell Size	ØA max	C min	ØF +0.2 -0.1	L max	Weight (gr. max)
ITB07T -16	16	32.5	137	32.15	20.5	20
ITB07T -18	18	36.4	138	35.35	21.2	25
ITB07T -22	22	43.0	138	41.00	21.2	30
ITB07T -28	28	53.3	221	51.20	21.2	40
ITB07T -32	32	60.0	221	57.50	21.2	50

Application Notes

1. Metal protective cap for bayonet plug connectors with stainless steel chain.
2. Standard Material/Finish:
   Cover - Aluminum alloy/olive drab passivation.
   Chain - Stainless steel/passivated.
3. All dimensions are metric unless otherwise noted.

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IT 90376 ... Y/R and TP02
Protective Plastic Dust Cap
for Plug and Receptacle Connectors

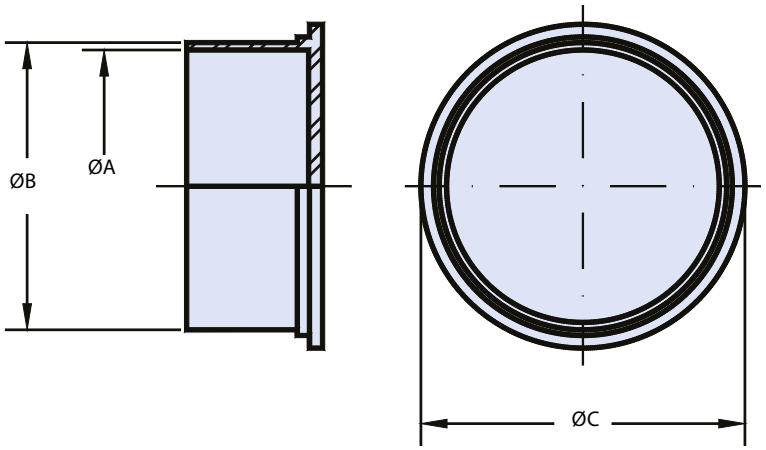

TABLE I: RECEPTACLE PLASTIC CAP DIMENSIONS

Part Number	Shell Size	ØA ±0.25	ØB ±0.25	ØC ±0.78
IT90376-18Y	16	26.11	27.63	31.75
TP02-18	18	30.40	33.15	37.00
IT90376-24R	22	37.16	38.94	43.18
TP02-28	28	46.45	49.05	52.00
TP02-32	32	53.15	55.75	60.00

TABLE II: PLUG PLASTIC CAP DIMENSIONS

Part Number	Shell Size	ØA ±0.25	ØB ±0.25	ØC ±0.78
IT90376-16R	16	23.80	29.29	30.99
IT90376-18R	18	27.76	29.34	33.78
IT90376-22R	22	34.04	35.81	40.38
IT90376-28R	28	43.56	45.46	49.53
IT90376-32R	32	49.91	51.82	56.39

Application Notes

1. Protective Plastic Dust Cap.
2. All dimensions are metric unless otherwise noted.

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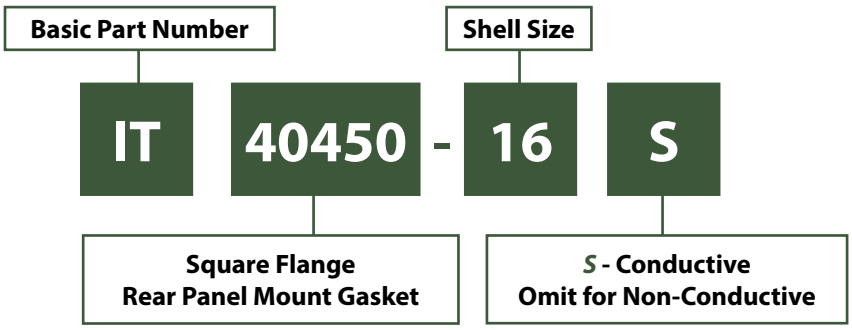
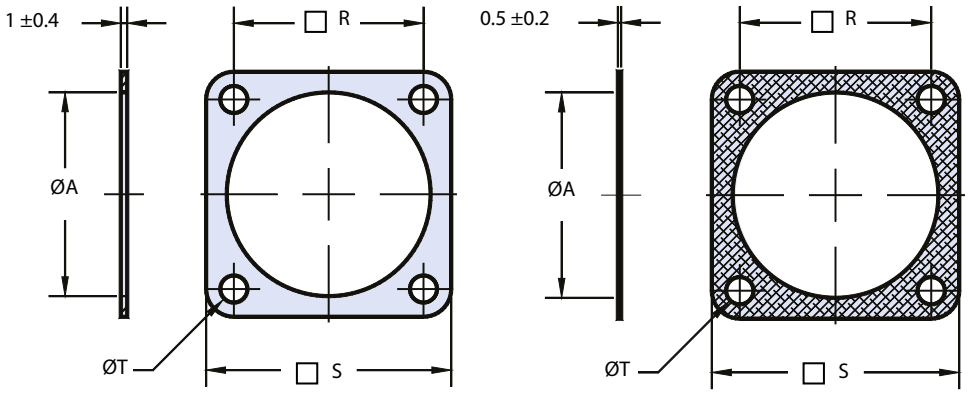
IT 40450-XX or IT 40450-XXS
Fixed Connector Gasket
for Square Flange Front Panel Mounting





D

TABLE I: DIMENSIONS

Part Number	Shell Size	ØA +1	□R ±0.2	□S ±0.5	ØT +0.5
IT 40450 - 16	16	25.3	24.6	32.5	4.2
IT 40450 - 18	18	28.4	27.0	35.0	4.2
IT 40450 - 22	22	34.8	31.8	41.0	4.2
IT 40450 - 28	28	44.3	39.7	50.8	5.1
IT 40450 - 32	32	50.7	44.5	57.0	5.1

Application Notes

1. Conductive or non-conductive gasket for square flange front panel mounted connectors.
2. All dimensions are metric unless otherwise noted.

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IT 40460-XX or IT 40460-XXS
Fixed Connector Gasket
for Square Flange Rear Panel Mounting

Basic Part Number		Shell Size	
IT	40460 -	16	S
Square Flange Rear Panel Mount Gasket			*S* - Conductive Omit for Non-Conductive

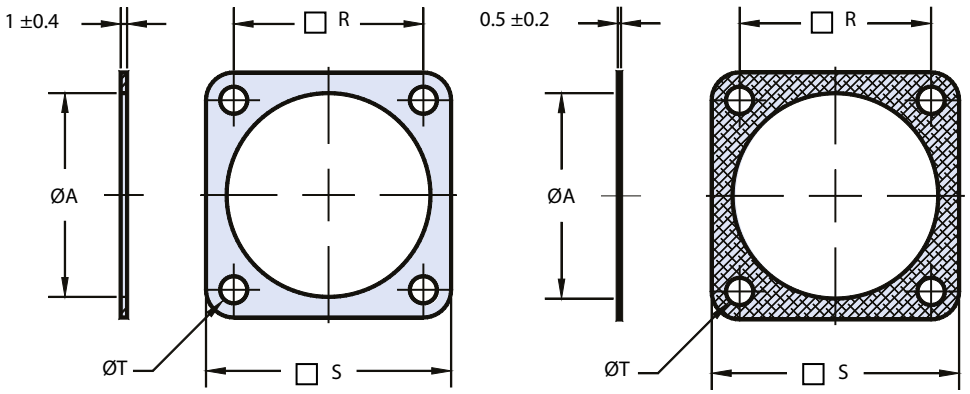

TABLE I: DIMENSIONS

Part Number	Shell Size	ØA +1	□R ±0.2	□S ±0.5	ØT +0.5
IT40460-16	16	27.4	24.6	32.5	4.2
IT40460-18	18	30.8	27.0	35.0	4.2
IT40460-22	22	37.4	31.8	41.0	4.2
IT40460-28	28	46.7	39.7	50.8	5.1
IT40460-32	32	53.4	44.5	57.0	5.1

Application Notes

1. Conductive or non-conductive gasket for square flange rear panel mounted connectors.
2. All dimensions are metric unless otherwise noted.

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Other Ruggedized Electrical Power and Signal Connectors for Rail, Mass Transit, Industrial and Military Applications

Glenair manufactures a broad range of qualified electrical power and signal connectors for electrical vehicles, industrial equipment, as well as rail, mass-transit and harsh environment military applications. Many of the connector products, backshells and accessories are manufactured to comply with the MIL-DTL-5015 or MIL-DTL-26482 specifications, which include hundreds of versatile power and signal connector designs ideally suited for electrical power and signal interconnect cabling. The addition of reverse bayonet coupling to these robust military style connectors improves their reliability and mating performance in rugged, vibration and shock applications. Glenair is also able to offer many of these same connector families qualified to NATO and VG standards including VG95234 and VG95328. Specialty application connectors, such as our popular VG qualified CB connector for radio and audio applications are also available.

The Glenair Power Product Group has been manufacturing these products since 1985 in the company's facility located in Bologna, Italy. The Power Product Group factory consists of a 10.000 square meter plants in Quarto Inferiore (Granarolo dell'Emilia) which are certified to UNI EN ISO 9001, NATO AQAP110 and ISO 9001:2000, IRIS and all the existing MIL norms.

A worldwide sales and support network, including dedicated teams in Italy and the United States provides application engineering and order assistance. Glenair's worldwide network of sales and support professionals are also factory trained to support the Power Product Groups entire line of ruggedized electrical power and signal connectors, cables and power distribution products.

THE GLENAIR POWER PRODUCT GROUP LINE

ITS Connector Series

The Glenair ITS connector series is based on the MIL-DTL-5015 standard, but feature an improved reverse bayonet coupling technology in place of the threaded coupling used in MIL-DTL-5015. The 3-point bayonet coupling mechanism reduces coupling time and provides easier mating when the connector is in an awkward position. Positive locking of the three stainless steel pins provides reliable resistance to vibration and shock, and prevents connector de-coupling in even the most rugged applications such as locomotives, mass-transit cars and military vehicles. The products are qualified to the VG95234 standard. The ITS-RG Series incorporates a ruggedized outer coating of rubber for additional mechanical strength and to prevent shell damage due to rough handling.

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Glenair Military and Mass Transit Signal Connectors

ITH Series

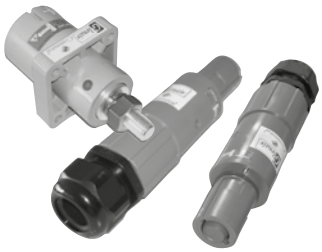
The ITH Series is most notable for its rigid inserts and crimp contacts that provide both better electrical insulation as well as reduced assembly time. The reverse bayonet ITH Series connector is also based on the MIL-DTL-5015 standard, but supports only a reduced selection of insert
arrangements. All connectors in the series conform to the NATO VG95234, French (NFF 61030) and British (BS 6853) electrical standards, as well as EEC compliance directives for electromagnetical compatibility. EMI shield termination accessories are available for both overall as well as individual wire shields.

IPT and IPT SE Bayonet-Lock Connectors

The Glenair IPT series is built in accordance with MIL-C-26482 and is applied in countless applications where reliability and miniaturization are required. Used in military applications, the IPT series features reliable coupling and a complete range of backshell accessories. A VG qualified version of the product, VG95328 is also available.

IGE Series Connectors

Our IGE series connector delivers outstanding performance in high-current power applications, mainly in military systems such as ground-vehicle support. IGE series connectors are are used for the transmission of high currents with low voltage such as is required in military vehicles or industrial equipment. The connector uses a unipolar contact junction with high performance dielectric materials. Several O-rings inside and outside the connectors provide watertightness up to 1 bar, while the bayonet coupling system avoids accidental unmatings in high-vibration applications.



UniPower™ Single Pole Connectors

UniPower™ is a single pole electrical connector used by the entertainment, construction and power utility industries for temporary high current applications. Glenair UniPower™ Power Distribution Connectors provide safe and reliable power distribution connections, typically in threephase or other polyphase power distribution systems. CE Approved for use in Europe only. Consult factory for other regional approvals.

CB Series "PogoPin" Connectors

The Glenair CB connector is designed to address audio equipment and field radio interconnect requirements in military and other demanding applications. The ultra-miniature reverse bayonet connector utilizes spring-loaded, wiping contacts that ensure reliable electrical and environmental performance with each mating. The product is qualified to the VG95351 and VG96934 standards.

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IT Connector Series

The Glenair IT series conforms to the MIL-DTL-5015 threaded-coupling connector standard for power and signal applications in both industrial and military applications. Insert arrangements from 1 to 150 contacts, with contact sizes from 20 awg to 4/0 awg are available. These connectors are intermateable with other industry standard MIL-DTL-5015 connector families. A wide range of connector backshells and accessories are available, including protective covers for both plugs and receptacles.

ITZ Series Connectors

The need for a threaded MIL-DTL-5015 type connector with an improved double-start stub ACME style thread profile led to the development of the Glenair ITZ connector series. Available in the complete range of 5015 insert arrangements, this connector family offers faster and more reliable coupling than standard, fine-thread MIL-DTL-5015 connectors.

CSOX

CSOX is a worldwide standard for the connection of lighting equipment in the show-business field.

VG95234 (German Military BWB)

The VG95234 is the German military BWB standard equivalent of our commercial ITS reverse bayonet connector. As with the ITS, the series is based on the MIL-DTL-5015 standard, but feature an improved reverse bayonet coupling. The 3-point bayonet mechanism reduces coupling time and provides easier mating when the connector is in an awkward position. Positive locking of the three stainless steel pins provides reliable resistance to vibration and shock, and prevents connector de-coupling in even the most rugged applications such as military vehicles.

VG95328 Qualified Bayonet-Lock Connectors

The Glenair Series VG95328 Bayonet-Lock Signal Connector is ideally suited for all general and environmental applications that require a high-performance military type cylindrical connector with crimp-removable contacts. Qualified to VG95328, the bayonet mechanism provides fast and easy coupling, especially when the connector is situated in an awkward or hard to reach location.

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Why Choose GLENAIR?

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HiPer D MIL 24308™

ARMORLITE™

GUARDIAN

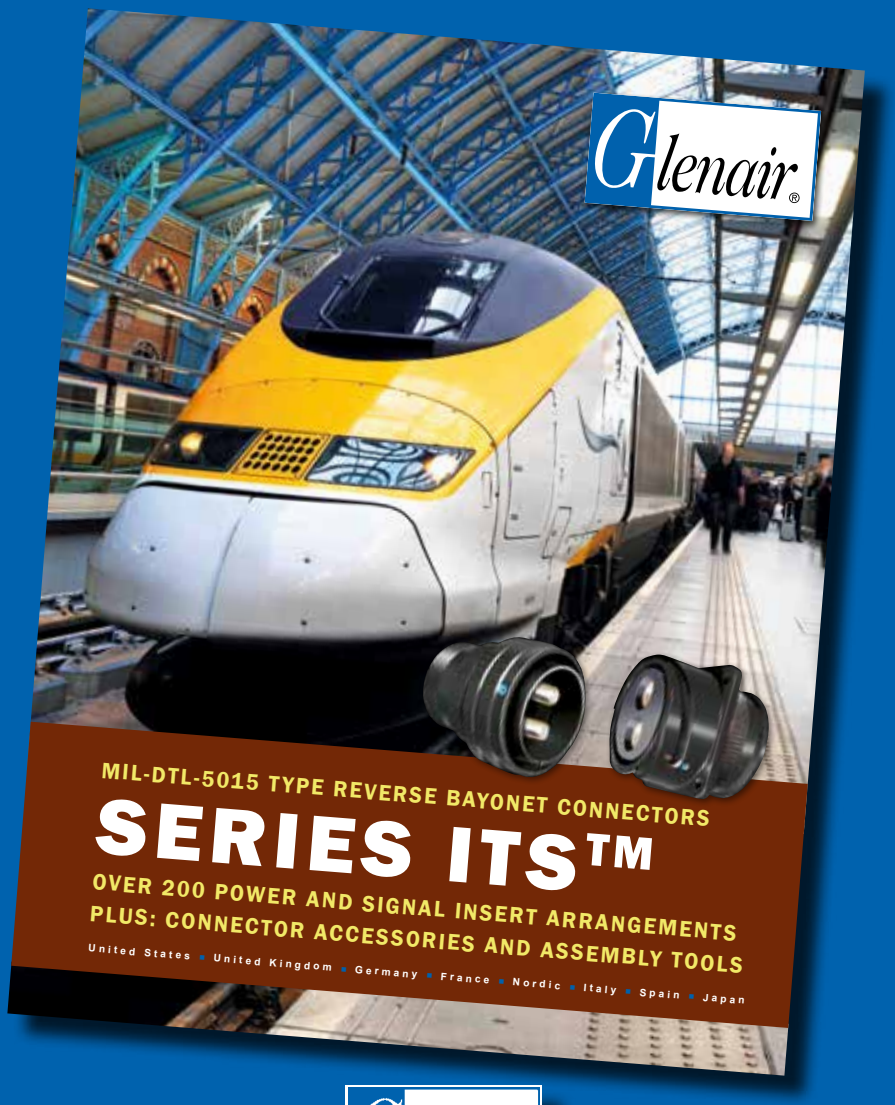
GLASS-SEALED Hermetic CONNECTORS

SUPERSEAL™

This special industrial-strength capability guide provides a comprehensive overview of Glenair's "no gap" family of interconnect solutions for rugged industrial, rail, geophysical and power industry applications. No other interconnect manufacturer in the world offers such a broad range of connectors, backshells, wire protection conduit, shrink boots, tools and more for harsh-environment industrial applications. All our solutions are backed with our high availability customer service model, which includes in-stock inventory for thousands of critical part numbers, no dollar or quantity minimum orders, free samples upon request, free engineering and application development and more. Contact the factory or our industrial/rail product team for application engineering assistance.

More Options Than Ever Before!

Glenair Commercial Series ITS Reverse Bayonet Connectors



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