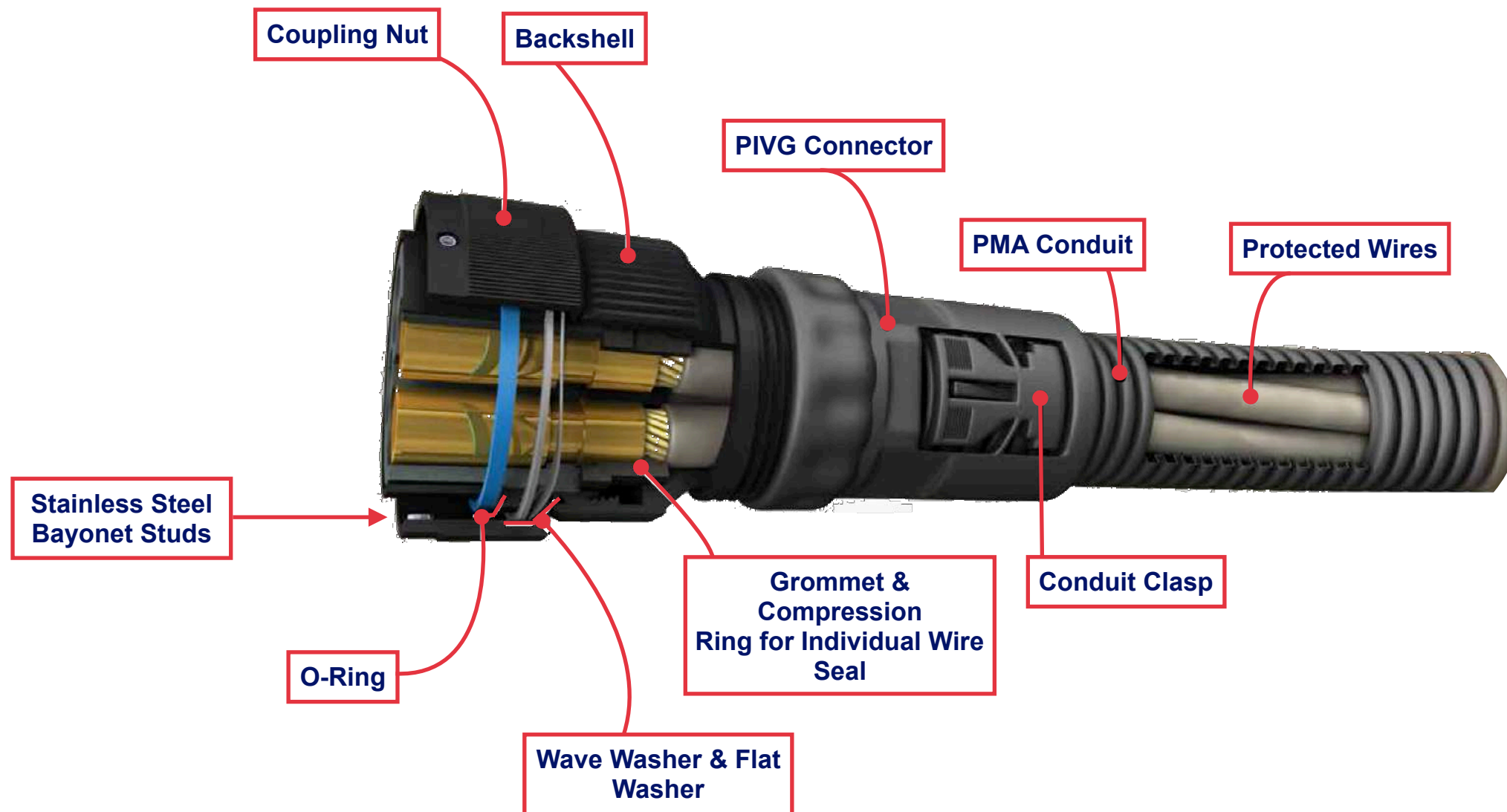


etronics

Connectors



SCPB Reverse Bayonet Series



- 2000 matings minimum
- Contact options from 4/0 through #26 AWG.
- Shock and vibrations (50 Gs) and vibration resistance (20 Gs)

- Waterproof to 10 meters (33 ft) for 12 hours with the proper environmental seals
- Meets or exceeds the requirements of VG95234 and MIL-DTL-5015 and compatible with other manufacturers

- Insert / grommet temperature ranges, Neoprene (-55°C - 125°C), FR Flame Retardant -40°C - 165°C
- Available with a wide variety of back-shell options to terminate virtually any type of wire, cable or conduit.
- Smoke and flame requirements for inserts and grommets meet and/or exceed requirements of ASTM E162 - ASTME662 and Bombardier SMP 800-C.

Special Applications



Buffet Gallery Connectors

GUC - 6 - 33 - B

- **SERIES PREFIX**
- **NUMBER OF CONTACTS**
- **SHELL TYPE**
 - 33 Receptacle (Socket Contracts)
 - 34 Plug (Pin Contacts)
- **MODIFICATION CODES**
 - A Less Pin Contacts - Applies to - 34 plug
 - B Less Socket Contacts - Applies to - 33 receptacle
 - 1 Size Of Crimp Contacts Together With Awg Wire Accommodation (see table below)
 - 2 Size Of Crimp Contacts Together With Awg Wire Accommodation (see table below)
 - 3 Size Of Crimp Contacts Together With Awg Wire Accommodation (see table below)
 - 4 Size Of Crimp Contacts Together With Awg Wire



- Plugs & Receptacles
- Plugs are Mounted onto :
 - ✓ Ovens
 - ✓ Chillers
 - ✓ Other Appliances
- Receptacles are mounted onto panels in the galley

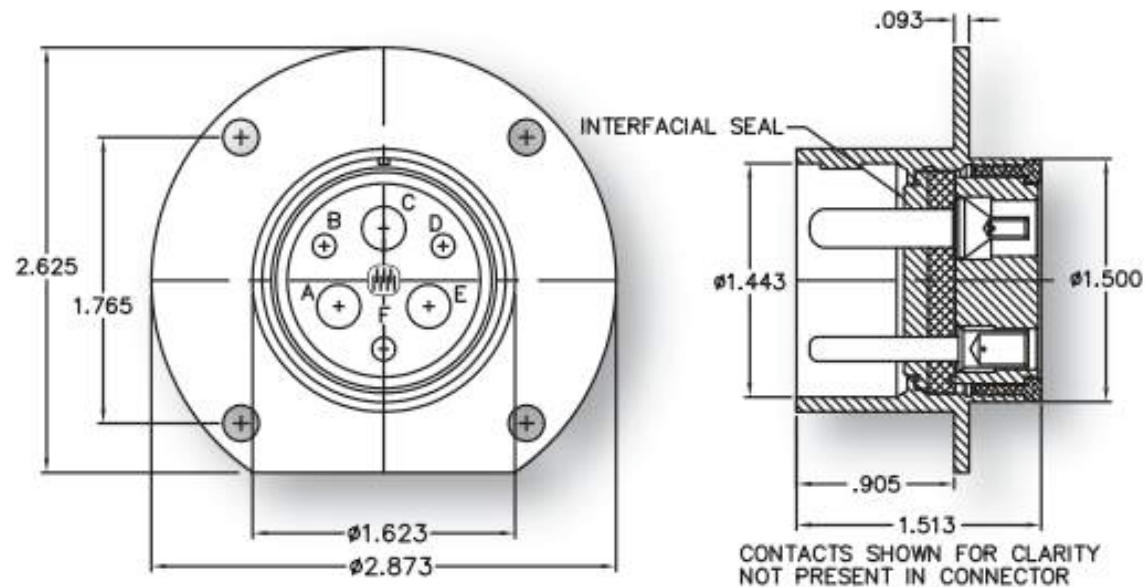
Mod. Code	QTY	Contact Size	Wire AWG	GUC-6-33 Socket Contact	GUC-6-34 Pin Contact	Locator*	Removal Tool
-1	1	10	10	T10-6770-510	R10-6770-110	TP1041	M81969/14-05
	2	10	14/16	T10-6780-510	R10-6780-110	TP1042	M81969/14-05
	3	4	14/16	T04-8570-510	R04-8570-110	TP1040	M81969/14/06
-2	2	10	10	T10-6770-510	R10-6770-110	TP1041	M81969/14-05
	1	10	14/16	T10-6780-510	R10-6780-110	TP1042	M81969/14-05
	3	4	14/16	T04-8570-510	R04-8570-110	TP1040	M81969/14/06
-3	3	10	10	T10-6770-510	R10-6770-110	TP1041	M81969/14-05
	3	4	14/16	T04-8570-510	R04-8570-110	TP1040	M81969/14/06
-4	3	10	14/16	T10-6780-510	R10-6780-110	TP1042	M81969/14-05
	3	4	14/16	T04-8570-510	R04-8570-110	TP1040	M81969/14/06



Buffet Gallery Connectors

6 Contact Plug

with Crimp Contacts GUC-6-34-*



Front View

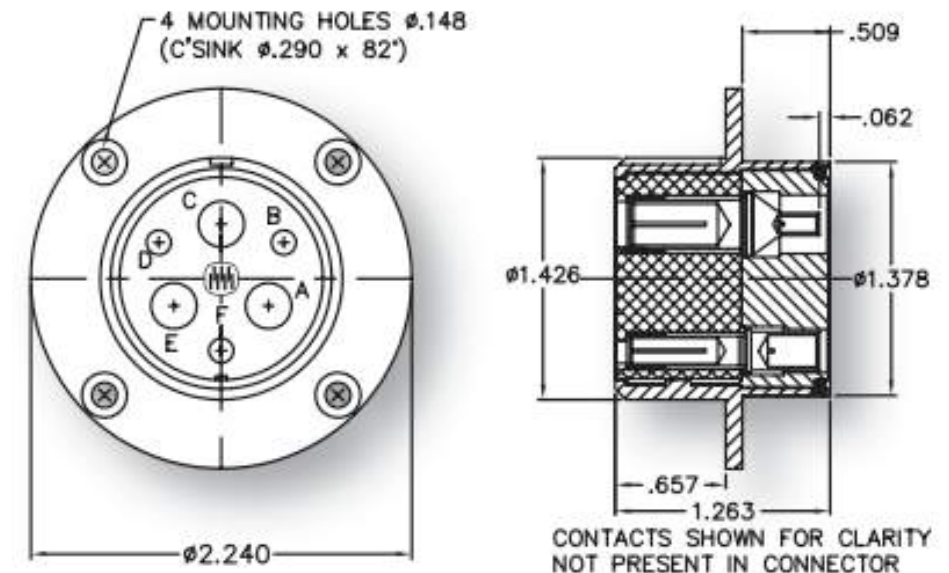
Side view with
contacts installed

Contacts are not Installed in connector but provided loose in a poly bag

Material / Finish	
Shell:	Aluminum, Alloy, Chrome, Anodized Clear
Insert:	Epial, Black color
Interfacial Seal:	Silicone, Orange color
Contacts:	Crimp, silver plated C97 copper

6 Contact Receptacle

with Crimp Contacts GUC-6-33-*



Front View

Side view with
contacts installed

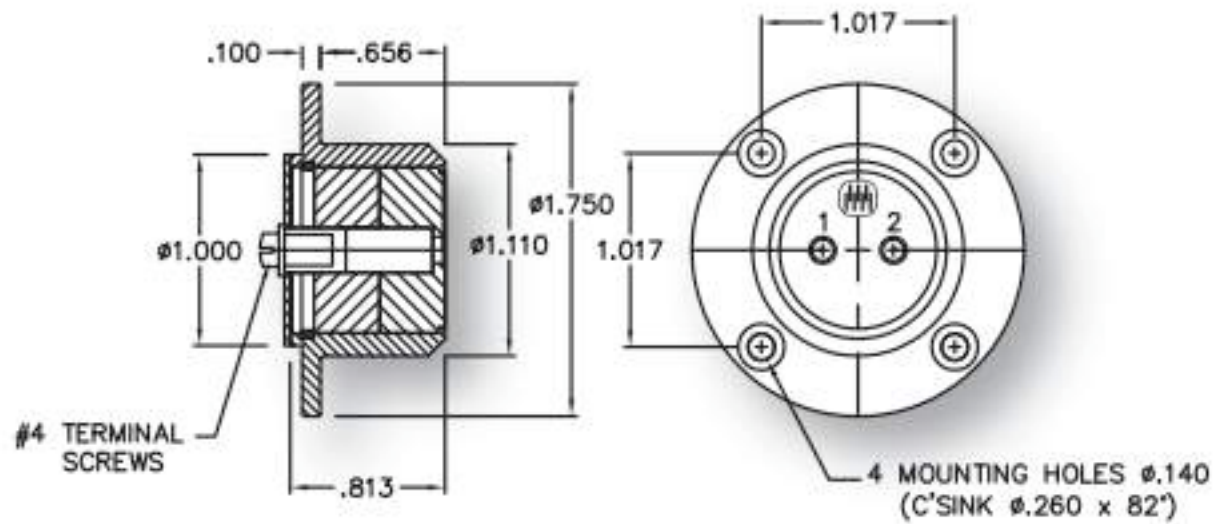
Contacts are not Installed in connector but provided loose in a poly bag

Material / Finish	
Shell:	Aluminum, Alloy, Chrome, Anodized Clear
Insert:	Epial, Black color
Contacts:	Crimp, silver plated C97 copper

Buffet Gallery Connectors

2 Contact Plug

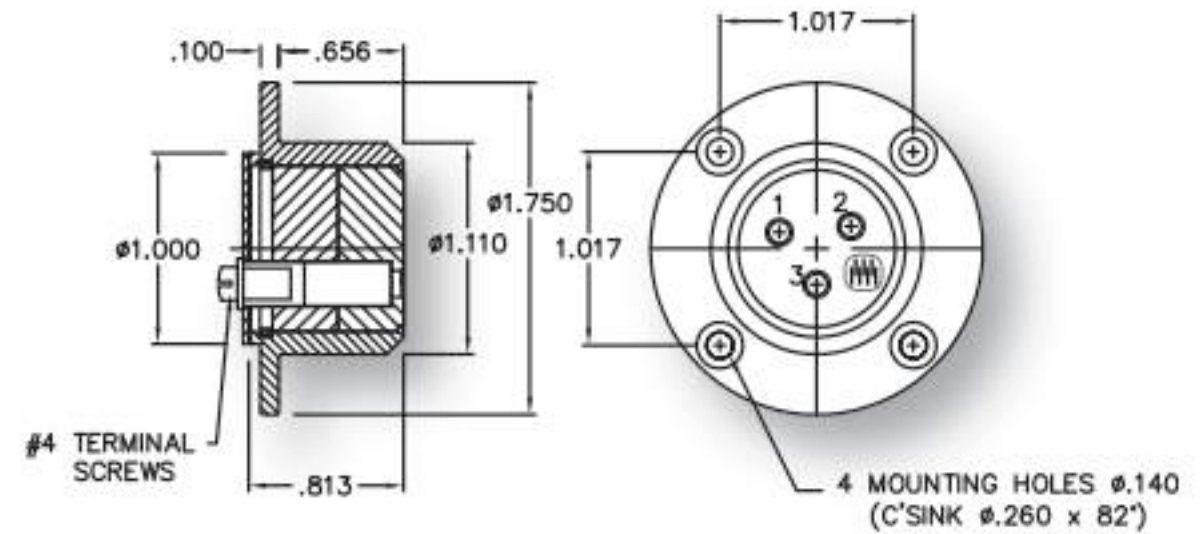
With Screw Termination GC16371



Material / Finish	
Shell:	Stainless steel
Insert:	Epial, Black color
Contacts	Screw termination, Silver plated C97 copper
Screws	Stainless steel, passivated

3 Contact Plug

with Screw Termination SC16707



Material / Finish	
Shell:	Stainless steel
Insert:	Epial, Black color
Contacts	Screw termination, Silver plated C97 copper
Screws	Stainless steel, passivated

Buffet Gallery Connectors

Cross Reference

Cannon	Array	Avia Dynamics	Spacecraft	Tri-Star/cory	Notes
BUC-6-33 BUC-6-34	ACC-6-33 ACC-6-34	SCT-6-33 SCT-6-34	GUC-6-33 GUC-6-34		Solder Contacts Solder Contacts
	ACR-6-33-w ACR-6-34-w	SCT-6-33-* SCT-6-34-*	GUC-6-33-* GUC-6-34-*	CBC-6-33-LC CBC-6-34-LC	Crimp Contacts Crimp Contacts
CA 16371 CA 16707	AC16371 AC16707 ACRTO1	SC16371 - M310	GC16371 SC16707 M310		#4 Screw Terminal #4 Screw Terminal Hand Crimp Tool
	ACRTO1/A ACRTO1/B ACRTO1/C	TP1040 TP1041 TP1042	TP1040 TP1041 TP1042		Locator Locator Locator
	806-0598-130 806-0599-130 806-0599-130B	P04-5586-04 P10-5586-05 P10-5586-06	R04-8570-110 R10-6780-110 R10-6770-110	K2709-0013-0506 K2709-0012-1006 K2709-0015-1006	#4 Pin To 14-16 Awg #10 Pin To 14-16 Awg #10 Pin To 10 Awg
	857-0590-130 857-0591-130 587-0591-130B	S04-5591-00A S10-5297-00A S105297-0BA	T04-8570-510 T10-6780-510 T10-6770-510	K3009-0007-0506 K3009-0008-1006 K3009-0009-1006	#4 Socket To 14-16 Awg #10 Socket To 14-16 Awg #10 Socket To 10 Awg

Electrical Data

Operating Voltage : 28VDC, 120 VAC
Contact Rating :

Contact Size	Wire Size	Current Rating / AMPS
#10	10 AWG	30
#10	14 AWG	17
#10	16 AWG	13
#4	14 AWG	17
#4	16 AWG	13



Pneumatic Tool
WA27-309-SP1SC

Contact Tooling

Part Number	Description
M310	Crimp Tool
M81969/14-05	Plastic Removal Tool
M81969/14-06	Plastic Removal Tool
TP1040	Locator
TP1041	Locator
TP1042	Locator
WA27-309-SP1SC	Pneumatic Tool

Tool Setting

Contact P/N	Description	M310 Setting*
R04-8570-110	#4 PIN 14-16 AWG	5
R10-6780-110	#10 PIN 14-16 AWG	5
R10-6770-110	#10 PIN 10 AWG	8
T01-8570-510	#4 SKT 14-16 AWG	5
T10-6780-510	#10 SKT 14-16 AWG	5
T10-6770-510	#10 SKT 10 AWG	8

* Used with M310 Hand Tool or WA27-309-SP1SC pneumatic Tool.

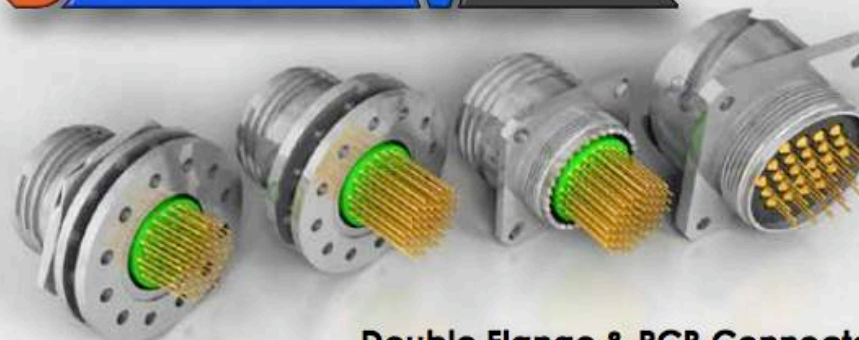
SecureSeal



SCDSR Series Connectors

Dust & sand resistant, high-vibration connectors with a self-locking coupling nut for MIL-drive systems.

SecureVibe



Double Flange & PCB Connectors

High-vibration connectors with PCB mount contacts for easy board assembly.

KwikSnap CONNECTORS



SCTAC

Snap-on locking with spring-loaded contacts allowing 10,000 mating cycles. IP67, dust, sand and humidity resistant.

DuraLock



Reverse Bayonet Coupling

Hybrid connector series for high density with reverse bayonet mating style.

KWIKRELEASE



Quick Disconnect Connectors

Push-Pull AS50151 style connectors utilizing an integrated backshell and available with various mating and separation forces.

PowerBand

High Current Contacts



High current contacts for AS50151 that can handle up to 500 amps featuring low insertion force and up to 10,000 mating cycles.

QTyBand

MADE IN THE USA



Termination Bands M85049/128-

Featuring a secure locking system and easy termination. This cost-effective option is an essential part of any cable assembly.

Integrated Backshell Connectors

AS50151, AS95234, MIL-DTL-26482, MIL-DTL-38999 & Reverse Bayonet



Use of this style eliminates the need for backshells when shield banding, shrink boots or overmolding are required. M85049/128 bands available.

AS50151 Series I
MS310*



Threaded
coupling
with solder or
crimp contact.

Reverse Bayonet
AS95234 Type



One-third turn reverse bayonet coupling with solder or crimp contacts. Shells in aluminum, brass or stainless steel.

SCPT & SCPC
MIL-DTL-26482 Style
Connectors



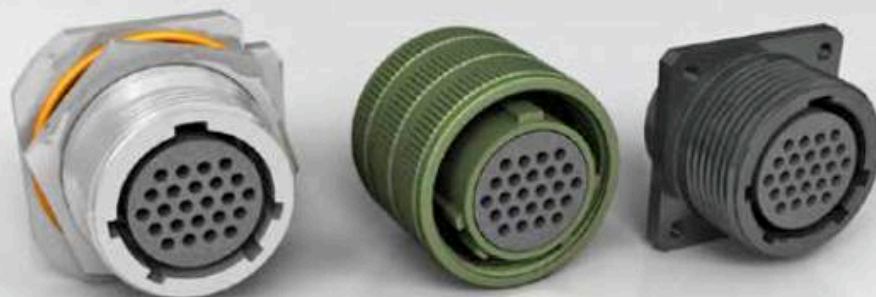
Bayonet or threaded multi-pin cylindrical miniature connectors available in crimp or solder termination.

Crimp Contact Wire Adapters
MS3348*



Reduce or increase your existing crimp wire gage without having to replace your existing connector system.

**MIL-DTL-22992 (Commercial) Class C, J or R
MS1734***



Double-start threaded coupling with 5 keyways. Available with crimp or solder contacts and shells in aluminum or stainless steel.

**Flange Gaskets
(M85049/130-)**



Conductive or non-conductive available in neoprene, silicone, fluorosilicone and viton.

Military & Commercial Dust Caps & Dummy Receptacles
AS50151, AS95234, MIL-DTL-22992, MIL-DTL-26482, MIL-DTL-38999, MIL-DTL-83723 & Reverse Bayonet



Dust caps protect your connectors from the environment when unmated. Dummy receptacles help maintain connector mating cycles.

MIL-DTL-26482



Esterline
SOURIAU

Bayonet locking 26482 Series I solder and crimp connectors for military, industrial and geophysical applications. MIL-DTL-38999 series I, II, III and Micro 38999, including RoHS compliant MIL-approved black zinc nickel connectors for MIL-Aero, ground army and avionic applications.

MIL-DTL-38999



CORSAIR
ELECTRICAL CONNECTORS



MIL-DTL-26482 Series II
AS50151 Series III

Miniature MIL-DTL-26482 series II bayonet locking connectors with crimp contacts and heavy duty harsh environment AS50151 Series III threaded connectors featuring rear re-release crimp contacts.



Backshells
M85049



Esterline
Sunbank

MIL qualified EMI/RFI environment backshells, strain reliefs, shrink boot adapters and accessories for MIL-SPEC connectors.



ROBERT TECHNOLOGIES INC.
MIL-DTL-22992 Class L
AS81703 Series I

High power high reliability connectors for military, commercial and industrial applications.

QPL Listed Contacts M39029

High quality precision machined contacts for harsh environments featuring patented reverse clip technology.

DELPHI™
Fiber-Optic Connectors
M28876

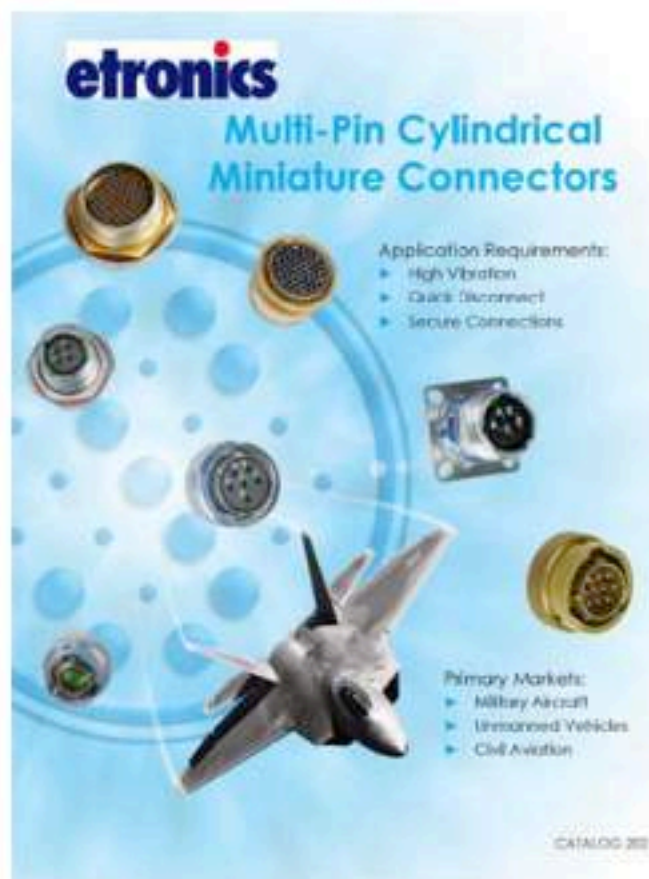
MIL-C-28840 connectors provide harsh environment, high contact density and RFI/EMI shielding to meet the most demanding military requirements. MIL-PRF-28876 fiber optic connector feature low optical insertion loss, repeatability and strain relief technology.

Micro-D & Nanominiature MIL-DTL-83513

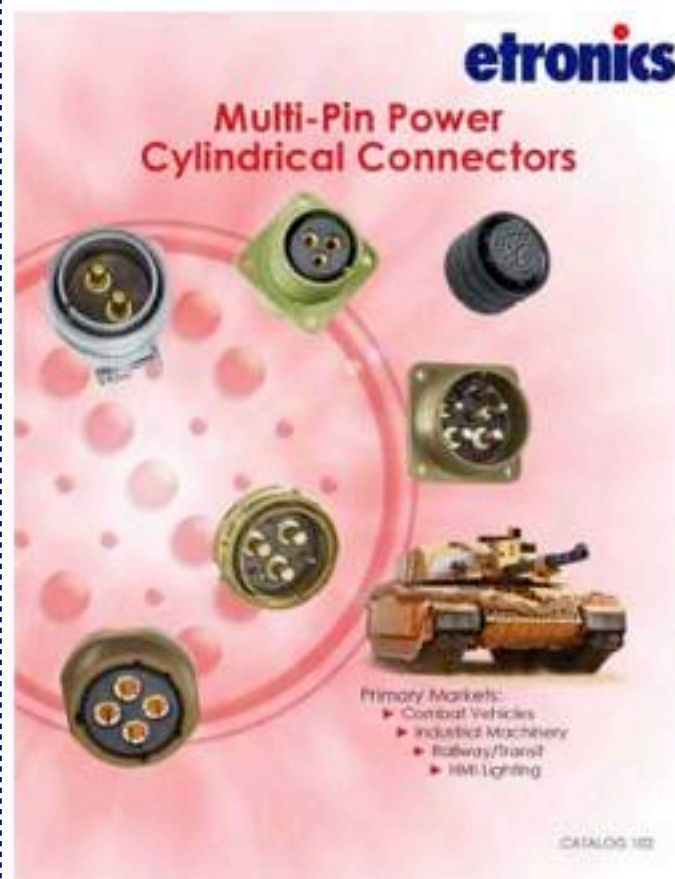
Ulti-Mate Connector Inc.

Micro-D, Nano and custom connectors for MIL-aero, industrial, and commercial aviation applications.

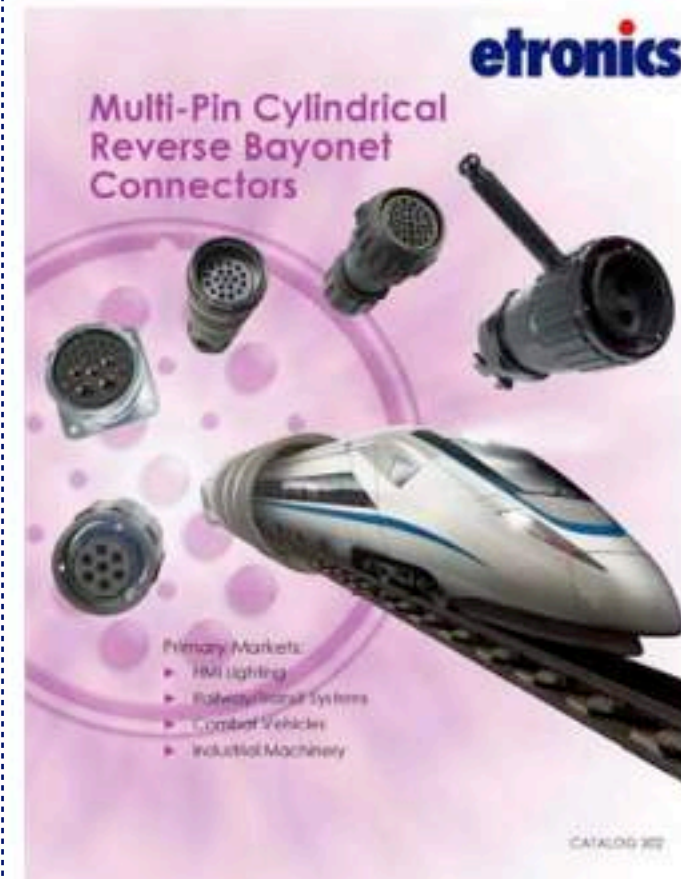
Other Applications



- SCPT 26482 Type
- SC1 38999 Series 1
- SC2 38999 Series 2
- SC39 38999 Series 3



- SCP 515 Type



- SCPB Series

Other Applications



- Connector Accessories



- Connector with integrated backshell



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