



ARMOR

Ruggedized Backshell Systems

ARMOR D-Sub backshells are designed for rugged / robust applications including military, industrial, & aerospace. Featuring an all metal die cast housing & offered in variety of options that improve the connection stability while maximizing cable strain relief in order to prevent damage to wires and contacts. These backshells offer high reliability performance for the most challenging design applications.

FEATURES & BENEFITS

- Available in 5 industry standard sizes
Standard: 9, 15, 25, 37, 50
High-density: 15, 26, 44, 62, 78
- Perimeter sealing lips for secure assembly
- Die cast metal shells provide excellent EMI/RFI shielding
- Plated with high quality nickel finish
- Available in a variety of cable entries
- Compression or mechanical strain reliefs
- Various mating hardware available



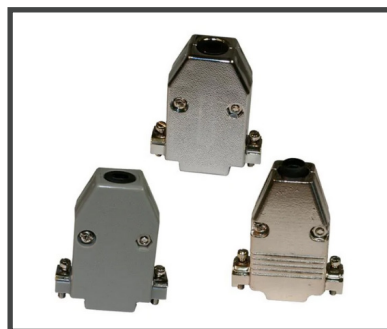
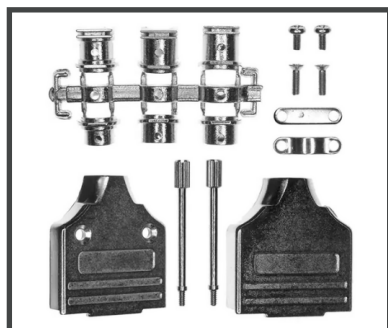
NORCOMP

Ruggedized Backshell Systems

*For Applications
Requiring Rugged &
Reliable Performance*

Description	Series	Finish	Size
180° Cable Entry	952-YYY-030R121	Nickel	9 / 15 / 25 / 37
35° Cable Entry	953-YYY-030R121	Nickel	9 / 15 / 25 / 37
45° Cable Entry	954-YYY-030R121	Nickel	9 / 15 / 25 / 37
3-Way Cable Entry	955-YYY-030R121	Nickel	9 / 15 / 25 / 37
45° Dual Cable Entry	959-YYY-030R121	Nickel	9 / 15 / 25
180° Cable Entry	961-YYY-030R121	Nickel	9 / 15 / 25 / 37 / 50
90° Cable Entry	962-YYY-030R121	Nickel	9 / 25
180° Cable Entry	970-YYY-030R121	Nickel	9 / 15 / 25 / 37 / 50
180° Cable Entry	970-YYY-040R011	Black Zinc	9 / 15 / 25 / 37
45° Cable Entry	971-YYY-030R121	Nickel	9 / 15 / 25 / 37 / 50
45° Cable Entry	971-YYY-040R011	Black Zinc	9 / 15 / 25 / 37
3-Way Cable Entry	975MYYY-030R121	Zinc Alloy	9 / 15 / 25 / 37 / 50
180° Cable Entry	979-YYY-030R121	Nickel	9 / 15 / 25 / 37 / 50
90° Cable Entry	981-YYY-030R121	Nickel	9 / 15 / 25
180° Cable Entry	981-YYY-130R121	Nickel	9 / 15 / 25
180° Cable Entry	994-YYY-030R121	Nickel	9 / 15 / 25

Size conversion from standard to high-density 9=15, 15=26, 25=44, 37=62, 50=78



*for the most challenging
design applications*

NORCOMP
Passion for Excellence





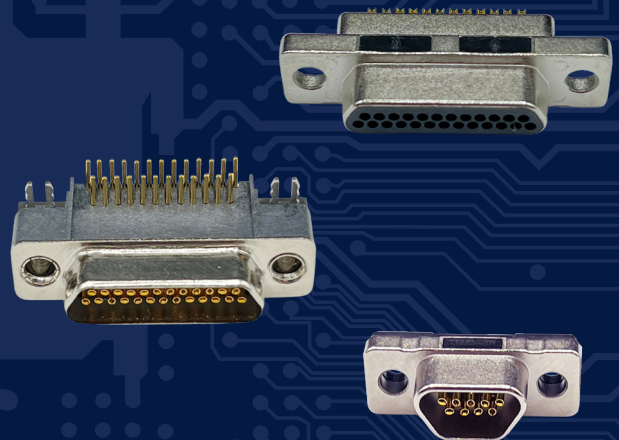
MICRO-D

Machined Micro-Miniature Connector System

The NorComp MICRO-D Connector condenses the standard D-Sub connector design to provide a space-saving layout that is ideal for applications such as industrial robotics, laboratory meteorology, and satellite base stations. Featuring “Solid Pin” machined contacts, these connectors offer high-reliability performance for the most challenging applications.

FEATURES & BENEFITS

- Machined Contacts
- Available In 3 Industry Standard Sizes | 9, 15, 25
- 3 Termination Variations Available: Cable Mount, Vertical Solder, & Right-Angle Solder
- 1/3 The Size of a Standard D-Sub
- Metal to Metal Interface for Robust Mechanical Connections & Shield Effectiveness
- 2-Amp Contact Rating / 60V AC Voltage Rating / -40°C To +125°C

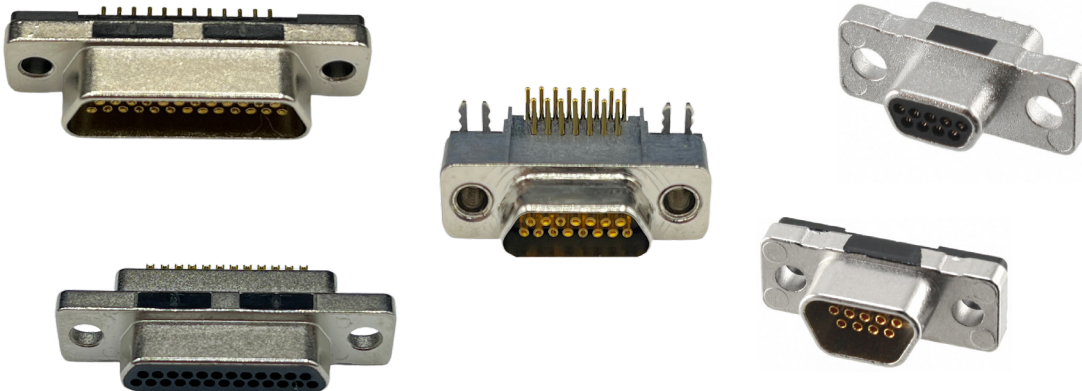


 **NORCOMP**

MICRO-D

MICRO-D

Series	Size/Gender	Termination Style
580-M09-203L001	9 Position Female	Solder Cup
580-M09-103L001	9 Position Male	Solder Cup
580-M15-203L001	15 Position Female	Solder Cup
580-M15-103L001	15 Position Male	Solder Cup
580-M25-203L001	25 Position Female	Solder Cup
580-M25-103L001	25 Position Male	Solder Cup
580-M09-213L001	9 Position Female	Vertical Solder
580-M09-113L001	9 Position Male	Vertical Solder
580-M15-213L001	15 Position Female	Vertical Solder
580-M15-113L001	15 Position Male	Vertical Solder
580-M25-213L001	25 Position Female	Vertical Solder
580-M25-113L001	25 Position Male	Vertical Solder
581-M09-213L461	9 Position Female	Right Angle Solder
581-M09-113L461	9 Position Male	Right Angle Solder
581-M15-213L461	15 Position Female	Right Angle Solder
581-M15-113L461	15 Position Male	Right Angle Solder
581-M25-213L461	25 Position Female	Right Angle Solder
581-M25-113L461	25 Position Male	Right Angle Solder





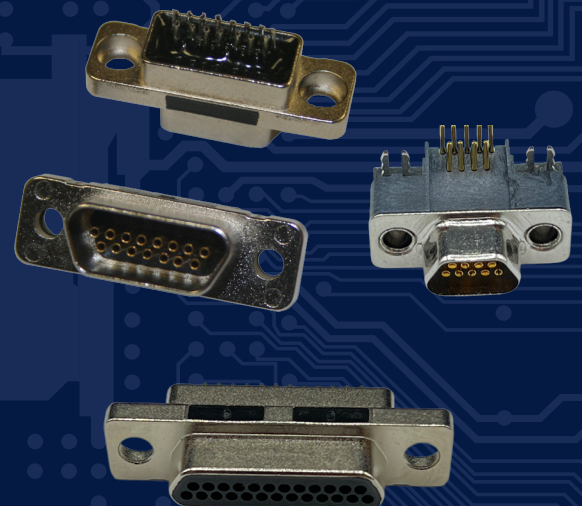
MICRO-D

Micro-Miniature Connector Technology

The NorComp MICRO-D Connector condenses the standard D-Sub connector design to provide a space-saving layout that is ideal for commercial applications such as industrial robotics, laboratory meteorology, and satellite base stations. For more information about MICRO-D cable assemblies and military COTS cross compatibility visit us on the web.

FEATURES & BENEFITS

- Available in 3 industry standard sizes | 9, 15, 25
- 3 Termination variations available: cable mount, vertical solder, & right-angle solder
- 1/3 The size of a standard D-Sub
- Metal to metal interface for robust mechanical Connections & shield effectiveness
- 1-Amp contact rating / -55°C To +85°C
- Intermates with most competitive products



NORCOMP

MICRO-D

MICRO-D

Cable Mount

Series

Size

Female Backshell Kit
Female Contacts
Female Cable Assemblies
(Cable assembly to blunt cut)

960-YYY-010R011
960-001-170L005
CCA-YYY-YYR152

9 / 15 / 25 Position
10K Per Reel
9 / 15 / 25 Position

Board Mount

Series

Size

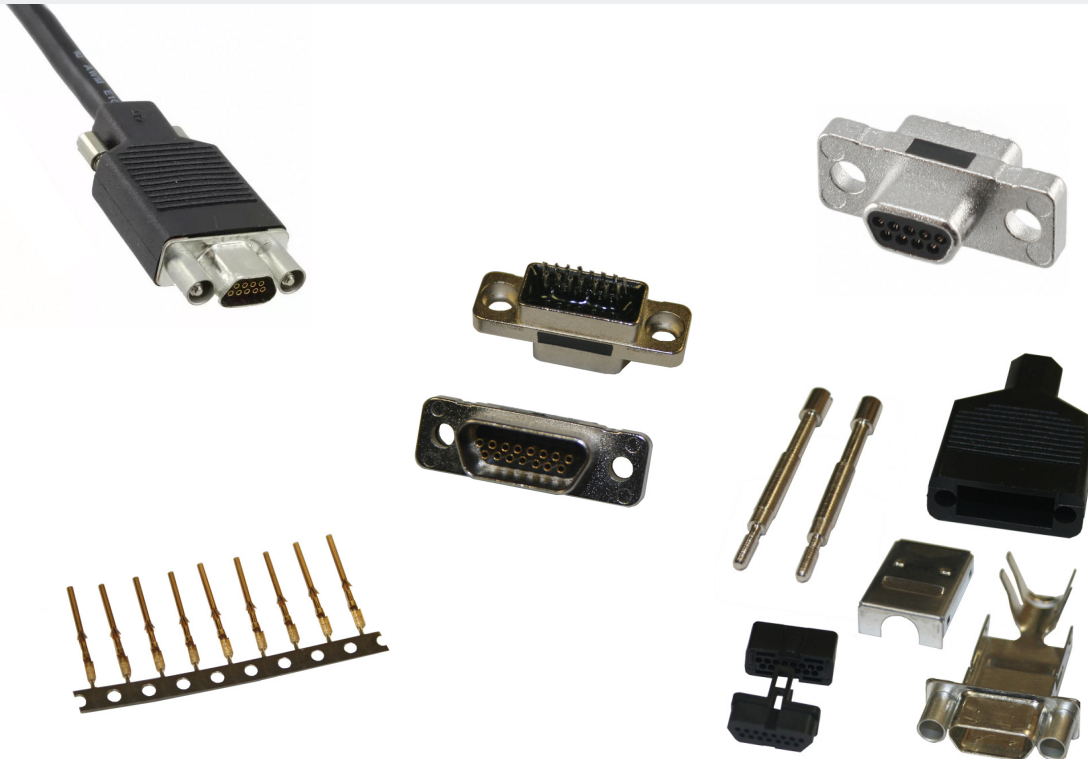
Vertical PCB Mount (m)
Vertical PCB Mount (f)
Right Angle PCB Mount(m)

380-YYY-113L001
380-YYY-213L001
381-YYY-112L565

9 / 15 / 25 Position
9 / 15 / 25 Position
9 / 15 / 25 Position

**Intermates with
most commercial
competitive
products**

380 series commercial off the shelf (COTS) cross to M83513 connectors for military applications



**Less than 1/3
the size of a
standard D-Sub**

NORCOMP
Passion for Excellence





M SERIES

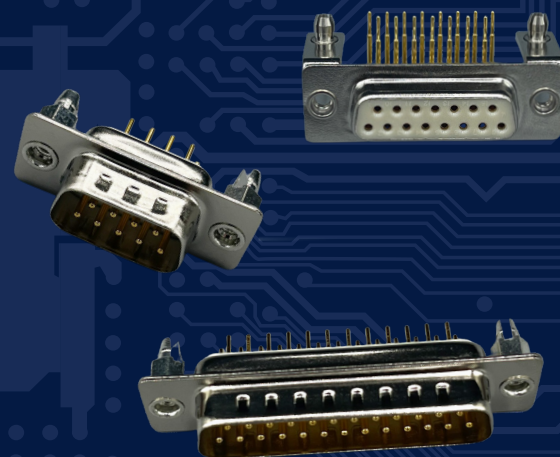
Machined Connector Performance



M-SERIES D-Sub connectors are designed for rugged / robust applications including medical, industrial, and aerospace. Featuring "Solid Pin" machined contacts, these connectors offer high reliability performance for the most challenging design applications.

FEATURES & BENEFITS

- **Screw machined contacts for high mating cycles**
- **Available in 10 Industry Standard sizes:**
 - Standard Density 9, 15, 25, 37, 50
 - High Density 15, 26, 44, 62, 78
- **3 mating options available**
 - Solder cup, vertical mount, right angle, wire wrap
- **Contact ratings 3-amp high-density / 5-amp standard**
- **-55C to +105C operating temperature**
- **Metal shells providing excellent EMI/FRI shielding**
- **Inter-mates with most commercial competitive products**



 **NORCOMP**

Machined Connector Performance

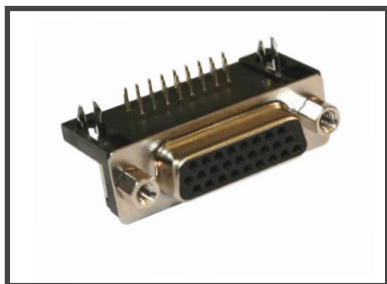
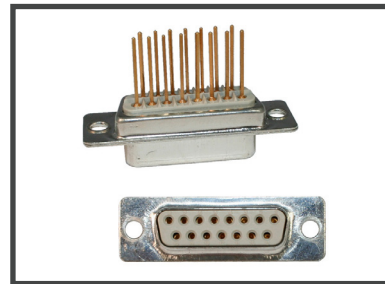
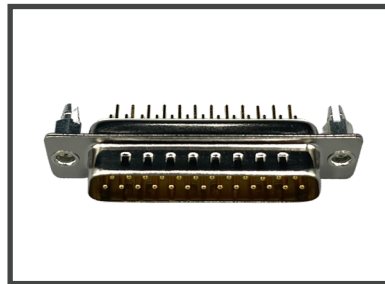
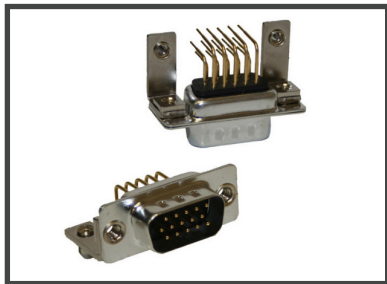
Standard

Standard	Series	Size
Cable Mount	172-YYY-Y02RYY1	9 / 15 / 25 / 37 / 50 Position
Cable Mount	172-EYY-Y0YRYY1	9 / 15 / 25 / 37 / 50 Position
Vertical Mount	172-YYY-Y12RYY1	9 / 15 / 25 / 37 / 50 Position
Vertical Mount	172-EYY-Y13RYY1	9 / 15 / 25 / 37 / 50 Position
High Profile	172-YYY-Y83RYY1	9 / 15 / 25 / 37 / 50 Position
Wire Wrap	172-YYY-Y42RYY1	9 / 15 / 25 / 37 / 50 Position
Right Angle PCB Mount (0.283" Footprint)	173-EYY-Y13RYY1	9 / 15 / 25 / 37 / 50 Position
Right Angle PCB Mount (0.370" Footprint)	174-EYY-Y13RYY1	

High Density

High Density	Series	Size
Cable Mount	180-MYY-Y03LYY1	15/26/44/62 Position
Vertical Mount	180-MYY-Y13RYY1	15/26/44/62 Position
Low Profile	197-MYY-Y13LYY1	15/26/44/62/78 Position
Right Angle PCB Mount	181-MYY-Y13RYY1	15/26/44/62 Position

Ruggedized Solutions for Harsh Environments



Contact us for any
custom M-SERIES projects





NANOOK

Ruggedized IP Rated D-Sub Connectors



NANOOK flanged waterproof D-Sub connectors offer an all-inclusive solution for a wide range of applications including telecommunication equipment, computer technology, and harsh environment applications. Available in standard, high-density, and mixed layout these connectors are reliable, cost-effective, and provide ease of installation.

FEATURES & BENEFITS

- Available in 4 Shell Sizes| (E / A / B / C)
- Standard Density - 9/15/25/37
- High Density - 15/26/44/62
- Combo-D - 12 Variations
- Meets IP67 Performance Requirement
- Up to 40 AMP Power Contact Rating
- Standard 5A | High Density 3A | Combo-D 20A/40A
- Solder Cup, Vertical Solder, & Right Angle Solder Board Mount Options
- -25°C to +85°C Operating Temperature



NORCOMP

Ruggedized IP Rated D-Sub Connectors

Flange Waterproof D-Subs

Standard Density

Solder Cup
Vertical Solder Tail
Right Angle Solder Tail

Series

SDF-SYY-Y03LYYY
SDF-VYY-Y13LYYY
SDF-RYY-Y13LYYY

Sizes

9 / 15 / 25 / 37

High Density

Solder Cup
Vertical Solder Tail
Right Angle Solder Tail

Series

HDF-SYY-Y03LYYY
HDF-VYY-Y13LYYY
HDF-RYY-Y13LYYY

Sizes

15 / 26 / 44 / 62

POWER-D

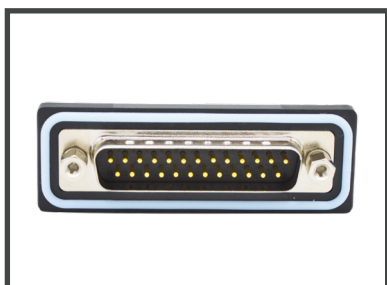
Solder Cup
Vertical Solder Tail
Right Angle Solder Tail

Series

CDFS(Y)YWYY03LYYY
CDFV(Y)YWYY13LYYY
CDFR(Y)YWYY13LYYY

Contact Configurations

2W2 | 2W2K | 5W1 3W3 | 3W3K
7W2 | 11W1 5W5 | 9W4 | 13W3
17W2 | 21W1 8W8 | 13W6 | 17W5
25W3 | 27W2 | 21W4





POWER-D

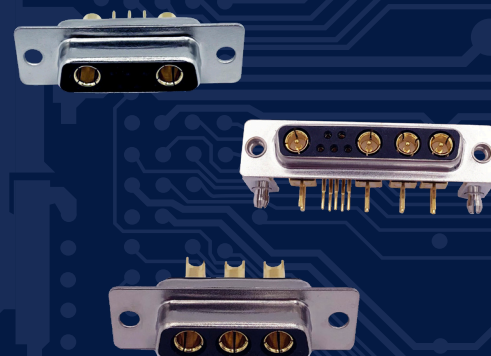
Peak Capacity Performance



POWER-D I/O Connectors are designed for rugged / robust applications where both power & signal are required from a single connection. Featuring "Solid Pin" machined contacts, these connectors offer high reliability performance for the most challenging design applications

FEATURES & BENEFITS

- Available in 12 industry standard sizes
3W3, 3W3K, 5W1, 5W5, 7W2, 8W8, 9W4
11W1, 13W3, 17W2, 21W1, 21WA4
- Solder cup, vertical mount, right angle, crimp & poke
- Screw machined contacts for high mating cycles
- Power contacts rated for 20/40 AMPs
- Signal contacts rated for 5 AMPs
- Inter-mates with most commercial equivalent products
- Cable assemblies available
- AVAILABLE IN IP67 SEAL-D VERSIONS



NORCOMP

POWER-D

Combined Power & Signal D-Subs

Cable Mount

Solder Cup - Plug
Solder Cup - Socket

Series

680MYWY103LYY1
680MYWY203LYY1

Sizes

3W3, 3W3K, 5W1, 5W5
7W2, 8W8, 9W4 11W1
13W3, 17W2, 21W1, 21WA4

Vertical Board Mount

PCB Mount - Plug
PCB Mount - Socket

Series

681MYWY103LYY1
681MYWY203LYY1

Sizes

3W3, 3W3K, 5W1, 5W5
7W2, 8W8, 9W4 11W1
13W3, 17W2, 21W1,

Right Angle Board Mount

PCB Mount - Plug
PCB Mount - Socket

Series

684MYWY103L461
684MYWY203L461

Sizes

3W3, 3W3K, 5W1, 5W5
7W2, 8W8, 9W4 11W1
13W3, 17W2, 21W1, 21WA4

Crimp & Poke

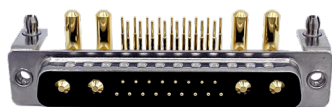
Cable Mount - Plug
Cable Mount - Socket

Series

680MYWY173LYY1
680MYWY273LYY1

Sizes

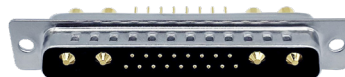
3W3, 5W5, 7W2, 9W4
13W3, 17W2, 21WA4



Right Angle Board Mount



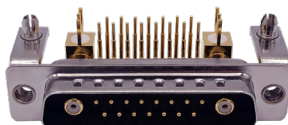
Crimp & Poke



Vertical Board Mount



Solder Cup Plug



Co-axial



Solder Cup Socket

*Peak
Capacity
Performance*

*Screw machined
contacts for high
mating cycles*





SEAL-D[®]

Designed for IP Performance



SEAL-D[®] I/O Connectors utilize a proprietary sealing technology which maintains the same physical size and footprint as standard D-Sub products. This reduces space on new designs & eliminates the need to redesign enclosures and PC boards when implementing IP66/IP67 design upgrades.

FEATURES & BENEFITS

- **Signal / low power in 6 standard sizes**
Standard 8 | 15 | 25 | High Density 15 | 26 | 44
- **Available in 12 POWER-D configurations**
3W3, 5W1, 5W5, 7W2, 8W8, 9W4
11W1, 13W3, 17W2, 21W1, 21WA4
- Solder cup, vertical mount, & right angle board mount
- Screw machined contacts for high mating cycles
- Power contacts rated for 20/40 AMPs
- Signal contacts rated for 3 - 5 AMPs
- -55C to +105C operating temperature range
- IP67 rating guarantee
- **MADE IN THE USA**



NORCOMP

Designed for IP Performance

**Ruggedized &
Reliable**

IP67 Standard D-Subs

	Series	Sizes
Solder Cup Cable Mount	772-EYY-Y03RYY1	9 / 15 / 25 Position
Vertical PCB Mount	772-EYY-Y13RYY1	9 / 15 / 25 Position
Right Angle 0.283" Footprint	773-EYY-Y13RYY1	9 / 15 / 25 Position
Right Angle 0.370" Footprint	774-EYY-Y13RYY1	9 / 15 / 25 Position

IP67 High-Density D-Subs

	Series	Sizes
Solder Cup Cable Mount	780-MYY-Y03LYY1	15 / 26 / 44 Position
Vertical PCB Mount	780-MYY-Y13RYY1	15 / 26 / 44 Position
Right Angle	781-MYY-113RYY1	15 / 26 / 44 Position

IP67 POWER-D

	Series	Sizes
Solder Cup Cable Mount	680SYWYY03LY01	3W3, 5W1, 5W5, 7W2
Vertical PCB Mount	681SYWYY03L001	9W4, 11W1, 13W3, 13W6
Right Angle	684SYWY103L461	17W2, 21W1, 21WA4

IP66 Standard D-Subs

	Series	Sizes
Solder Cup Cable Mount	671-YYY-103LYY1	9 / 15 / 25 Position
Vertical PCB Mount	671-YYY-113RYY1	9 / 15 / 25 Position
Right Angle 0.318" Footprint	682-YYY-113RYY1	9 / 15 / 25 Position
Right Angle 0.590" Footprint	683-YYY-113RYY1	9 / 15 / 25 Position

IP66 High-Density D-Subs

	Series	Sizes
Solder Cup Cable Mount	680-YYY-103LYY1	15 / 26 / 44 Position
Vertical PCB Mount	680-YYY-113RYY1	15 / 26 / 44 Position
Vertical PCB Mount Low Profile	695-YYY-113LYY1	15 / 26 / 44 Position
Right Angle	681-YYY-113RYY1	15 / 26 / 44 Position



IP67 Right-Angle 15 Position



IP67 High-Density 15 Position



IP67 Right-Angle POWER-D 9W4

**Screw machined
contacts for high
mating cycles**





QUIK-LOQ™

Rapid Latching I/O Systems

NorComp QUIK-LOQ™ 8P1P Series are engineered as a high performance cost-effective solution for applications requiring quick connect / disconnect in markets including medical devices control systems and test & measurement. The series is available in a wide range of pin counts & colors. It can be combined with NorComp's value added cable assembly solutions and is fully intermateable with existing industry solutions.

FEATURES & BENEFITS

- IP50 Rated
- 2000 Mating Cycles
- Haptic Feedback When Mating
- Positive Locking: Prevents Accidental Disconnection
- Available in 2 to 14 Way Variants
- Temperature Range: -20°C/+120°C
- Push-Pull Latch and Release Mechanism
- Available in 6 Different Color Codes to Increase Usability
- Value Added Cable Assembly Solutions Available



NORCOMP

Plastic Push Pull Connectors

QUIK-LOQ™

High Performance
Push Pull
Connector Systems

Series	Cable Mount	Panel Mount		
		Solder Cup	Vertical	Right Angle
8P1P	2,3,4,5,6,7,8 9,10,14 (Male Only) Flexible Boot or Plastic Nut	2,3,4,5,6,7,8 9,10,14 (Female Only) Front Mount or Rear Mount (Dual Nut)	2,3,4,5,6,7,8 9,10,14 (Female Only) Front Mount or Rear Mount (Dual Nut)	2,3,4,5,6,7,8 9,10,14 (Female Only) Rear Mount (Dual Nut)
Colors				
Grey (standard)	✓	✓	✓	✓
Blue	✓	✓	✓	✓
Yellow	✓	✓	✓	✓
Black	✓	✓	✓	✓
Red	✓	✓	✓	✓
Green	✓	✓	✓	✓



Boots



Nuts



Right Angle



Cable Mount Booted



Solder Cup Fixed Nut



Vertical Mount Fixed Nut



Cable Mount



Solder Cup Two Nut



Vertical Mount Two Nut

...robust & reliable
quick-locking
mechanism





QUIK-LOQ™

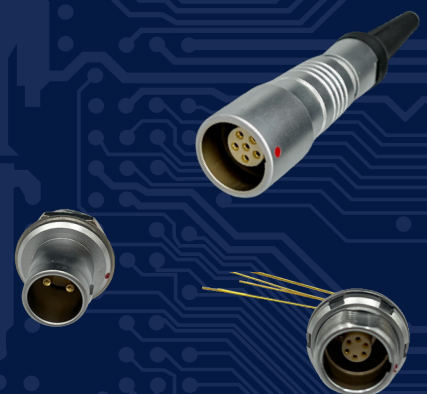
Push-Pull Connector Systems



NorComp QUIK-LOQ™ Circular Push Pulls deliver a compact high performance solution engineered to withstand shock and high vibration both indoors and outdoors in harsh environments. These rugged, sealed connectors are ideal for hi-rel waterproof applications where quick connect / disconnect and environmental protection are required.

FEATURES & BENEFITS

- Push-Pull Latch and Release Mechanism
- Small, Rugged Precision Design
- Haptic Feedback When Mating
- Positive Locking: Prevents Accidental Disconnection
- Available in Varying Pin Positions
- Accepts 14-28 AWG Wires (Based on # Of Positions)
- Rated for 2 to 30 Amps Depending on # Of Positions
- High Mating Cycles (>5000)
- Machined Contacts And Housing
- 360 Degree Shielding for Full EMI / RFI
- Value Added Cable Assembly Solutions Available



NORCOMP

Rapid Latching I/O Systems

QUIK-LOQ™

High Performance
Push Pull
Connector Systems

Series	Cable Mount	Panel Mount		
		Solder Cup	Vertical	Right Angle
820B IP50 Rated	2-7,9 (Male/Female)	2-7,9 (Male/Female)	2-7,9 (Female)	2-7,9 (Female)
821B IP50 Rated	2-8, 10, 12, 14 (Male/Female)	2-8, 10, 12, 14 (Male/Female)	2-8, 10, 12, 14 (Female)	2-8 (Female)
822B IP50 Rated	2,3,4,6,8,10,12 14,16,19,26 (Male/Female)	2,3,4,6,8,10,12 14,16,19,26 (Male/Female)	2,3,4,6,8,10,12 14,16,19,26 (Male/Female)	2,3,4,6,8,10,12 14,16,19,26 (Male/Female)
820K IP67 Rated	2-7,9 (Male/Female)	2-7,9 (Female)	2-7,9 (Female)	2-7,9 (Female)
821K IP67 Rated	2-7 (Male/Female)	2-7 (Female)	2-7 (Female)	2-7 (Female)
822K IP67 Rated	2,3,4,6,19 (Male/Female)	2,3,4,6,19 (Female)	2,3,4,6 (Female)	2,3,4,6 (Female)



...robust & reliable
quick-locking
mechanism





STACKED

Space Saving Connector Technology

DUAL PORT I/O connectors are designed for applications requiring multiple connector ports with limited PCB space. Two Right Angle D-Sub connectors are stacked one on top of another, creating a single Dual Port connector with a very condensed footprint

FEATURES & BENEFITS

- Available in 4 Industry Standard sizes:
Standard Density 9 | 15 | 25 | 37 & High Density 15
- Available 3 Different Connector Spacing Options
0.625" | 0.750" | 0.900"
- Available in 6 Different Hardware Configurations
- High Temperature UL94V-0 Thermoplastic
260C° Process Temp
- High Performance Stamped Contacts



 **NORCOMP**

STACKED

Space Saving Connector Technology

DUAL PORT

Condensed Footprint

0.750" Spacing

Female over Male
Male over Female
Female over Female
Male over Male

Series

178-YYY-313RYY1
178-YYY-413RYY1
178-YYY-513RYY1
178-YYY-613RYY1

Size

9 / 15 / 25 / 37 Position
9 / 15 / 25 / 37 Position
9 / 15* / 25 / 37 Position
9 / 15* / 25 / 37 Position
*HD versions available

0.900" Spacing

Female over Male
Male over Female
Female over Female
Male over Male

Series

179-YYY-313RYY1
179-YYY-413RYY1
179-YYY-513RYY1
179-YYY-613RYY1

Size

9 / 15 / 25 / 37 Position
9 / 15 / 25 / 37 Position
9 / 15 / 25 / 37 Position
9 / 15 / 25 / 37 Position

0.625" Spacing

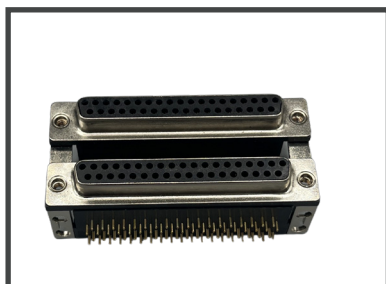
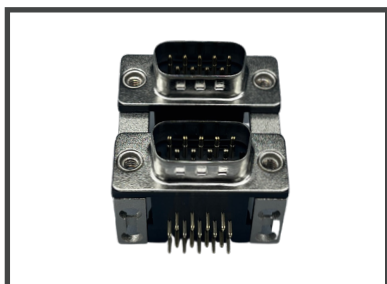
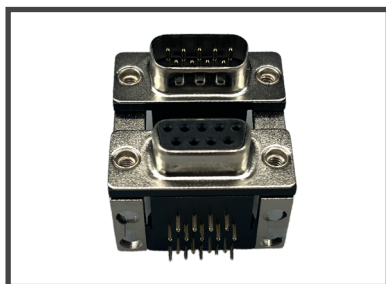
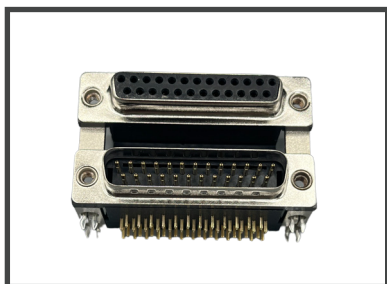
Female over Male
Male over Female
Female over Female
Male over Male

Series

189-YYY-313RYY1
189-YYY-413RYY1
189-YYY-513RYY1
189-YYY-613RYY1

Size

9 / 15 / 25 / 37 Position
9 / 15 / 25 / 37 Position
9 / 15* / 25 / 37 Position
9 / 15* / 25 / 37 Position
*HD versions available



Contact us for any
custom dual-port projects

 **NORCOMP**
Passion for Excellence





VULCON™

Future of Circular Connector Technology



VULCON™ circular connectors offer a robust waterproof cable to panel interface for demanding end use applications. Available in 16mm, 12mm, 8mm, and 5mm diameters, these connectors offer wide range of solutions for the most demanding design environments. Our 16mm, 12mm, and 8mm product offerings conform to industry standard specifications and are intermatable with a wide variety of competitive products.

FEATURES & BENEFITS

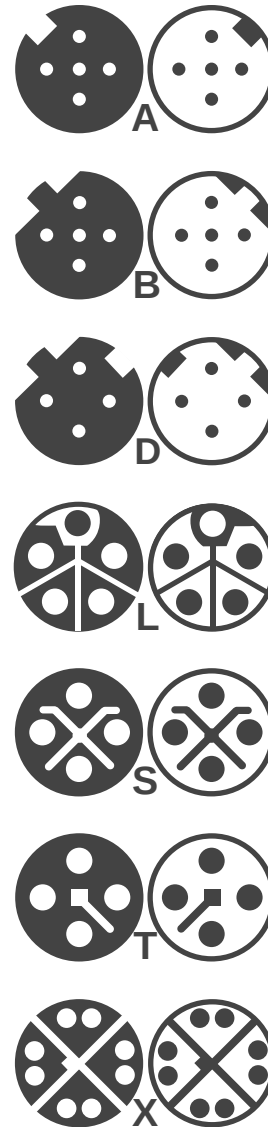
- Available in 4 sizes | 16mm, 12mm, 8mm, & 5mm diameters
- Available in pin counts ranging from 2 to 17 positions
- IP67/IP68 performance in both mated / unmated conditions
- Solder cup, vertical & right angle board mount options
- Cable mount available loose piece or as pre-made cables
- Up to 16 AMP contact rating / -40°C to +85°C
- Full metal shells for EMI/RFI shielding
- A, B, D, L, S, T, & X codes available



NORCOMP

	M Cable Mount	F Cable Mount	M Panel Mount Solder Cup	F Panel Mount Solder Cup	M Vertical PCB Mount	F Vertical PCB Mount	M Right Angle PCB Mount	F Right Angle PCB Mount
M5 2 Position A Code	X	X	X	X	X	X	X	X
M5 3 Position A Code	X	X	X	X	X	X	X	X
M5 4 Position A Code	X	X	X	X	X	X	X	X
M8 3 Position A Code	X	X	X	X	X	X		X
M8 4 Position A Code	X	X	X	X	X	X		X
M8 5 Position A Code	X	X	X	X	X	X		X
M8 6 Position A Code	X	X	X	X	X	X		X
M8 8 Position A Code	X	X	X	X				
M8 5 Position B Code	X	X	X			X		
M12 2 Position A Code	X	X		X				
M12 3 Position A Code	X	X	X	X	X	X	X	X
M12 4 Position A Code	X	X	X	X	X	X	X	X
M12 5 Position A Code	X	X	X	X	X	X	X	X
M12 6 Position A Code	X			X		X		
M12 7 Position A Code	X							
M12 8 Position A Code	X	X	X	X	X	X	X	X
M12 12 Position A Code	X	X	X	X	X	X		
M12 17 Position A Code	X	X						
M12 4 Position B Code	X	X	X		X			
M12 5 Position B Code	X	X		X	X			
M12 4 Position D Code	X	X	X	X	X	X	X	X
M12 5 Position L Code	X	X	X	X	X	X		
M12 3 Position S Code				X				
M12 4 Position T Code	X	X	X	X				
M12 8 Position X Code	X	X		X		X		X
M16 3 Position A Code	X	X	X	X		X		
M16 4 Position A Code	X	X	X	X		X		
M16 5 Position A Code	X*	X		X		X		
M16 6 Position A Code	X	X	X	X		X		
M16 7 Position A Code	X	X	X	X		X		
M16 8 Position A Code	X	X	X	X		X		
M16 5 Position B Code	X	X	X	X		X		
M16 7 Position B Code	X	X	X	X		X		

*mechanical kit version only





VULCON™ ADAPTERS

Adapting to the Future of Circular Connectors



VULCON™ M8 & M12 Circular Connector Adapters are designed to easily accommodate cable routing in both free hanging and panel mount applications. Both the T and Y style adapters allow a single cable output to be split into multiple destinations, and the panel mount adapters offer a robust solution for the transition from internal wiring to external connections.

FEATURES & BENEFITS

- Available in pin counts ranging from 3 to 8 positions
- M8 A & B Code options; M12 A, B & D code options
- T & Y splitter formats for easy external cable routing
- M12 panel mounts in both male & female mating options
- RJ Adapters available in both straight and right angle options
- Up to 4 AMP contact rating / -40C to +85C
- IP67 performance in both mated & unmated conditions



NORCOMP

VULCON™ ADAPTERS

**VULCON™
ADAPTERS**

M8 T Adapters



T54 Series

M12 T Adapters



T58 Series

M12 Straight Panel Adapters



S58 Series

M8 Y Adapters



Y54 Series

M12 Y Adapters



Y58 Series

M12 - RJ45 Panel Adapters



RJM12 Series

T54 & Y54 Series

3 Pin A-Code
4 Pin A-Code
5 Pin B-Code

T58 & Y58 Series

4 Pin A & D Code
5 Pin A & B Code
8 Pin A Code

S58 Series

4 Pin A & D Code
5 Pin A & B Code
8 Pin A Code

RJM12 Series

4 Pin D-Code

M8 T & Y Splitters

T54-A03-MMMR001
T54A04-MMMR001
T54B-05-MMMR001

T54-A03-FFFR001
T54-A04-FFFR001
T54-B05-FFFR001

T54-A03-MFFR001
T54-A04-MFFR001
T54-B05-MFFR001

T54-A03-FMFR001
T54-A04-FMFR001
T54-B05-FMFR001

T54-A03-FMMR001
T54-A04-FMMR001
T54-B05-FMMR001

Y54-A03-MFFR001
Y54-A04-MFFR001
Y54-B05-MFFR001

M12 T Splitters

T58-A04-MMMR001
T58-D04-MMMR001
T58-A05-MMMR001
T58-B05-MMMR001
T58-A08-MMMR001

T58-A04-FFFR001
T58-D04-FFFR001
T58-A05-FFFR001
T58-B05-FFFR001
T58-A08-FFFR001

T58-A04-FMFR001
T58-D04-FMFR001
T58-A05-FMFR001
T58-B05-FMFR001
T58-A08-FMFR001

M12 Y Splitters

Y58-A04-MMMR001
Y58-D04-MMMR001
Y58-A05-MMMR001
Y58-B05-MMMR001
Y58-A08-MMMR001

Y58-A04-FFFR001
Y58-D04-FFFR001
Y58-A05-FFFR001
Y58-B05-FFFR001
Y58-A08-FFFR001

Y58-A04-MFFR001
Y58-D04-MFFR001
Y58-A05-MFFR001
Y58-B05-MFFR001
Y58-A08-MFFR001

Y58-A04-FMFR001
Y58-D04-FMFR001
Y58-A05-FMFR001
Y58-B05-FMFR001
Y58-A08-FMFR001

M12 Adapters

S58-A04-MMR001
S58-D04-MMR001
S58-A05-MMR001
S58-B05-MMR001
S58-A08-MMR001

S58-A04-MFR001
S58-D04-MFR001
S58-A05-MFR001
S58-B05-MFR001
S58-A08-MFR001

RJM12MD04RA001
RJM12FD04RA001
RJM12MD04ST001
RJM12FD04ST001





VULCON™ FIELD INSTALLABLE

Rugged and Reliable Field Deployable



VULCON™ M12 circular field installable connectors are designed to easily accommodate a variety of applications including industrial communication equipment, process automation, robotics, and factory floor installations. These field installable connectors utilize screw terminations allowing for efficient assembly in the field while still providing an IP67 rated solution where standard over-molded connectors are not an option.

FEATURES & BENEFITS

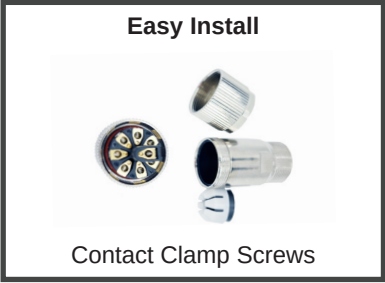
- Available in pin counts of 4, 5, and 8
- Screw termination
- A code, B code, & D code
- Non-removable contacts
- High mating cycles
- Up to 4 AMP contact rating / -40C to +85C
- IP67 performance in both mated & unmated conditions



NORCOMP

VULCON™ FIELD INSTALLABLE

VULCON™
FIELD
INSTALLABLE



4 Position

A Code

858FA04-103RAU1
858FA04-203RAU1
858FA04-103RBU1
858FA04-203RBU1
858FA04-103RCS1
858FA04-203RCS1

D Code

858FD04-103RAU1
858FD04-203RAU1
858FD04-103RBU1
858FD04-203RBU1
858FD04-103RCS1
858FD04-203RCS1

5 Position

A Code

858FA05-103RAU1
858FA05-203RAU1
858FA05-103RBU1
858FA05-203RBU1
858FA05-103RCS1
858FA05-203RCS1

B Code

858FB05-103RAU1
858FB05-203RAU1
858FB05-103RBU1
858FB05-203RBU1
858FB05-103RCS1
858FB05-203RCS1

8 Position

A Code

858FA08-103RAU1
858FA08-203RAU1
858FA08-103RBU1
858FA08-203RBU1
858FA08-103RCS1
858FA08-203RCS1

Indicates Metal Shell





VULCONTM STEEL

Future of Circular Connector Technology



VULCONTM M12 Stainless Steel Circular Connectors deliver a dependable long-term solution designed to offer protection and corrosion resistance for extreme environments.

Applications include industrial machinery, medical, energy, and food processing plants. These upgraded M12 connectors are multifaceted and easy to clean.

FEATURES & BENEFITS

- Available in pin counts ranging from 3 to 12 positions
- IP67/68 Performance in both mated / unmated conditions
- Solder Cup, Vertical, & Right Angle Board Mount Options
- Cable Mount in hybrid or stainless steel
- Up to 5 Amp contact rating / -40° to +85°C
- A, D, X, & L codes available
- Available as loose piece or as pre-made M12 cables



NORCOMP

VULCONTM STEEL

Future of Circular Connector Technology

**VULCONTM
STEEL**
*Circular
Connectors*

A Code

Cable Mount
Panel Mount Solder Cup
Vertical Board Mount
Right Angle Board Mount

Male Sizes

3,4,5,8,12
3,4,5,8,12
3,4,5,8,12
3,4,5,8

Female Sizes

3,4,5,8,12
3,4,5,8,12
3,4,5,8,12
3,4,5,8

D Code

Cable Mount
Panel Mount Solder Cup
Vertical Board Mount

Male Sizes

4
4
4

Female Sizes

4
4
4

L Code

Cable Mount
Panel Mount Solder Cup

Male Sizes

5
5

Female Sizes

5
5

D Code

Cable Mount
Panel Mount Solder Cup
Vertical Board Mount

Male Sizes

4
4
4

Female Sizes

4
4
4











Stainless Steel Pigtails available.



NORCOMP
Passion for Excellence

































Primary Focus Products	 <p>VULCON Future of Circular Connector Technology</p>	 <p>VULCON STEEL Future of Circular Connector Technology</p>	 <p>VULCON ADAPTERS ADAPTING TO THE FUTURE OF CIRCULAR CONNECTORS</p>	 <p>QUIK-LOQ Push-Pull Connector Systems</p>	 <p>SEAL-D Designed for IP Performance</p>	 <p>POWER-D Peak Capacity Performance</p>	 <p>MICRO-D Machined Micro-Miniature Connectors</p>
Product Function	IP67 / IP68 Industrial Interconnect for Power, Signal & Industrial Ethernet	IP67 / IP68 Industrial Interconnect for outdoor and true harsh environments	IP67 / IP68 Industrial Interconnect for Power & Signal Industrial Ethernet	IP50 / IP67 / IP68 Quick Lock Quick Release 5,000+ Mating Cycles Push-Pull Connectors	IP67 / IP68 Interconnect Internally Sealed, Same Footprint a Standard D-Sub	Robust Interconnect Combining High Power & Signal Contacts in One Connector	Machined Micro-Miniature Interconnect for Cables, Boards and Panels
Market Segments	Industrial Controls, Industrial Automation, Robotics, Medical, Lighting, Remote Sensors, Gauges, and Data Loggers used Outdoors	Industrial Controls, Industrial Automation, Robotics, Heavy Equipment Tracking, Lighting, Remote Sensors, Gauges, and Data Loggers	Industrial Controls, Industrial Automation, Robotics, Medical, Lighting, Remote Sensors, Gauges, and Data Loggers used Outdoors	Test & Measurement Instrumentation, Industrial, Medical, High Vibration, Harsh Ruggedized Environments	Industrial, Medical, Gauges, Marine GPS, Data Loggers, Ruggedized Laptops, Telematics, Commercial Drones, Transmitters & Emergency Beacons	Industrial, Power Supplies, DC Motor Controls, RF Power Amplifiers, Delivery Robotics, Harsh Ruggedized Environments	Hand Held & Portable Devices, Wireless Base Stations, Military Telematics, DC/DC Power Supplies, Test & Measurement, Industrial Robotics
Qualifying Questions	Is the product used in a high rel or harsh environment? Do you require a robust interconnect?	Does the product need to hold up to erosion in an outdoor environment? Do you require a product that protects against microbial & bacterial growth?	Do you need to pass a connection through a panel? Do you need to split or combine signals? Do you need to convert from RJ45 to M12 for ethernet?	Does the application require high mating cycles? Is a quick & easy mate system required? Is an IP rated product required?	Is the product used in a harsh environment? Do you require a robust interconnect? Does the customer need to switch a standard product into one that must be waterproof?	Does that application require both power & signal? Is space at a premium on the board? Is the customer looking for an interconnect capable of carrying up to 40AMP per contact?	Is the customer struggling for space on the board? Is the device too small for a standard connector?
Competition							
Supply Chain							

All products, standard or custom, are registerable globally for NEW Designs or new competitive crosses at the OEM or CEM level. Minimum value of \$5k per part number. Design Registration requests may be submitted using the NorComp DR form or the standard NEDA/ECIA DR forms.

NORCOMP

RUGGEDIZED SOLUTIONS FOR HARSH ENVIRONMENTS

Primary Focus Products	 STACKED <i>Space Saving Connector Technology</i>	 M SERIES <i>Machined Connector Performance</i>	 MICRO-D <i>Micro-Miniature Connector Technology</i>	 NANOOK <i>Ruggedized IP Rated D-Sub Connectors</i>	 ARMOR <i>Ruggedized Backshell Systems</i>
Product Function	Designed For Applications Requiring Multiple Connector Ports with limited PCB Space	Featuring "Solid Pin" machined contacts, these connectors offer high reliability performance	Micro-Miniature Interconnect for Cables, Boards and Panels	IP67 / IP68 All-Inclusive Interconnect Sealing Solution D-Subs	D-Sub Housing & Strain Relief Offering EMI-RFI Shielding, Required When Producing Cable Assemblies
Market Segments	Condensed Footprint Requiring Applications Including Automotive, Medical, Industrial Automation, and Consumer Electronics	Designed For Rugged / Robust Applications Including Medical, Industrial, And Aerospace	Hand Held & Portable Devices, Wireless Base Stations, Military Communications, Drones, AC/DC Power Supplies, Test & Measurement, Consumer Robotics	Marine Electronics, Industrial & Medical Equipment that is Subject to Washdown. Remote Sensors, Gauges, and Warehouse Automation	All D-Sub Cable Assemblies for Commercial, Industrial, Medical, Communications & Computer Applications
Qualifying Questions	Is the product used in a high reliability or harsh environment? Do you require a robust interconnect?	Does the application require high mating cycles? Is a quick & easy mate system required? Is an IP rated product required?	Is the customer struggling for space on the board? Is the device too small for a standard connector? Do you require a light weight connector?	Is the product used in a hi-reliability or harsh environment? Do you require a robust interconnect?	Are EMI/RFI shielding issues causing the customer concern? Is a more robust strain relief required?
Competition	     	    	   	    	    

Custom Connectors

NorComp has extensive capabilities to provide cost effective solutions for any custom or semi-custom connector or cable assembly. Our team of engineers is 100% committed to designing and manufacturing the highest quality interconnect solution for every client, every time. Our low MOQ's and short lead times get you to market fast.



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Charlotte, NC

FULL
PRODUCT
CATALOG

