# 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
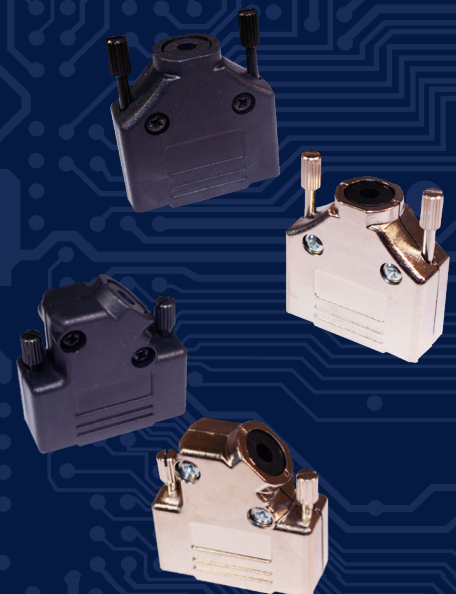
NorComp

ARMOR

Ruggedized Backshell Systems

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
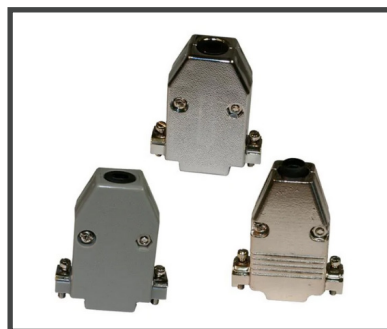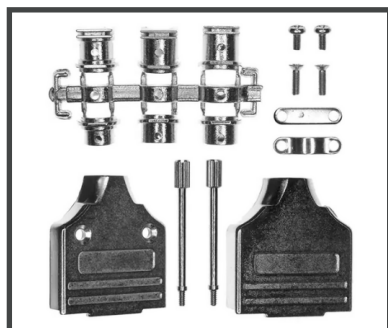
for the most challenging design applications

NORCOMP

Passion for Excellence

CAVALIER™

Rapid & Reliable Bayonet Connectors

CAVALIER™ Bayonet Circular Connectors provide a reliable, waterproof cable-to-panel or cable-to-cable interface for rigorous end-use applications. Bayonet locking systems provide superior vibration resistance and a faster latching mechanisms than traditional screw-in-circulars, these connectors offer a broad range of solutions for the most demanding design environments.

FEATURES & BENEFITS

- Bayonet locking mechanism for quick connect/disconnect
- High vibration resistance
- Reduces accidental disconnect
- Available in pin counts from 2 to 12
- IP67/IP68 performance
- Rugged, UL, hardened plastic
- Solder cup, cable kits, and board mount options
- Up to 10AMP contact rating / -40°C to +105°C temp. rating / 250V
- Different mating codes available for safe connections.

NorComp

CAVALIER ™

Rapid & Reliable Bayonet Connectors

Standard	**Male Sizes**	**Female Sizes**
Solder Cup	5,6,7,8,10,12	5,6,7,8,10,12
Cable Kit Solder Cup		5,6,7,8,10,12
Vertical Board Mount	5,6,7,8,10,12	

A Layout	**Male Sizes**	**Female Sizes**
Cable Mount	2,3,4	2,3,4
Cable Kit Solder Cup		2,3,4
Vertical Board Mount	2,3,4	

B Layout	**Male Sizes**	**Female Sizes**
Cable Mount	2,3,4	2,3,4
Cable Kit Solder Cup		2,3,4
Vertical Board Mount	2,3,4	

Lanyard Caps Available

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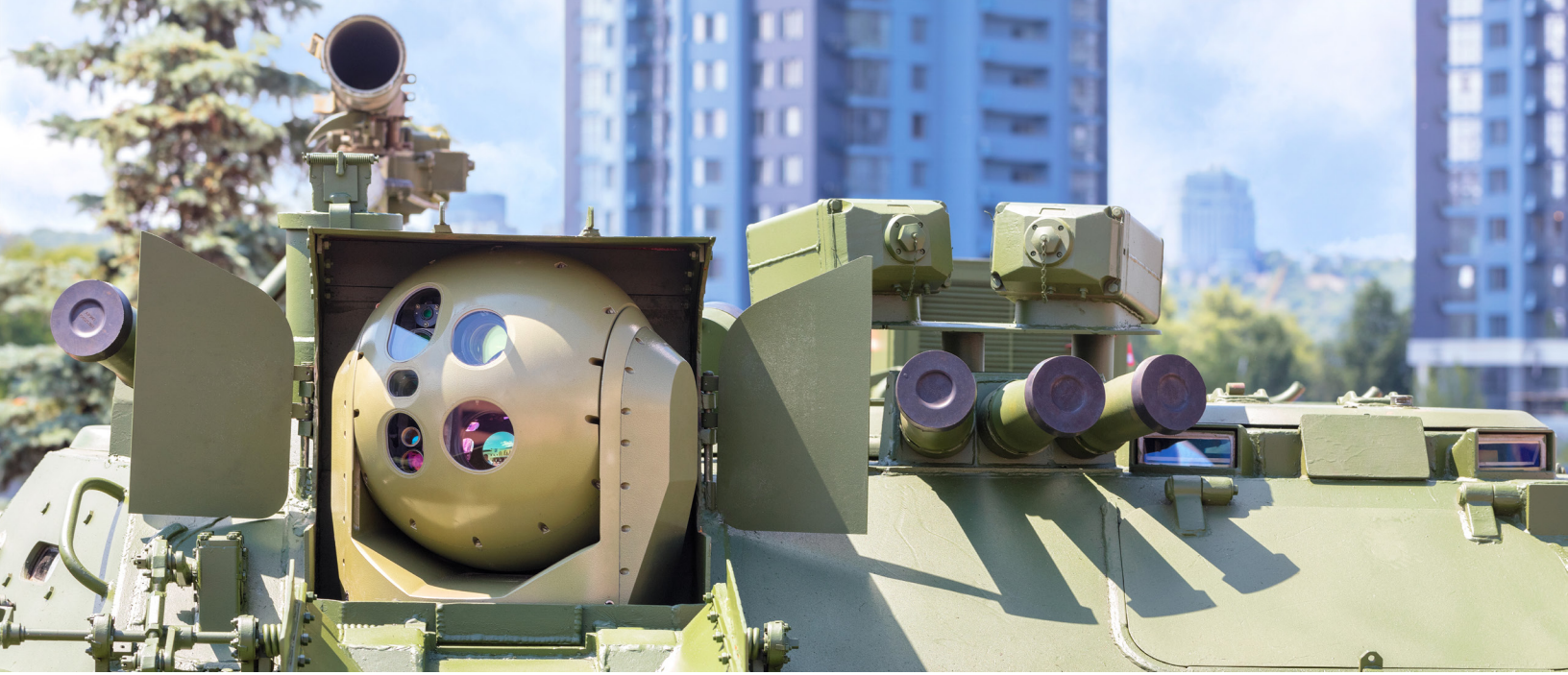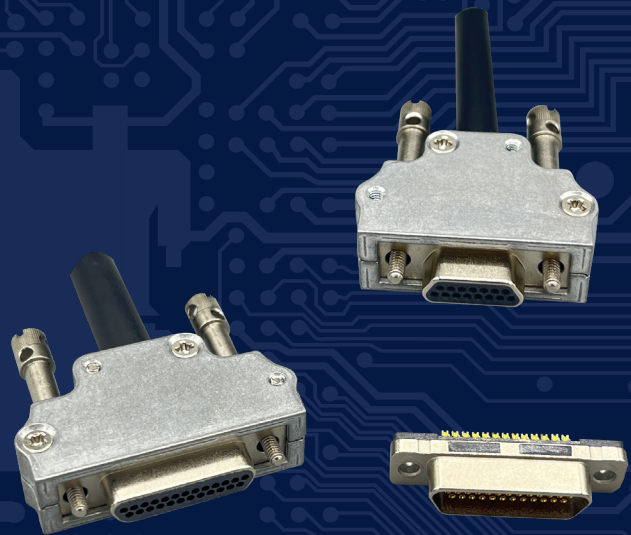
MICRO-D
Ruggedized Miniature Backshell Systems

The NorComp MICRO-D backshell optimizes the conventional D-Sub backshell into a compact configuration, perfect for space-restricted applications like industrial robotics, commercial military (COTS) equivalents, wireless transmitters and receivers. This design efficiently manages space while ensuring robust performance in demanding environments.

FEATURES & BENEFITS

- Die cast ZAMAK backshells
- Designed for the NorComp 580-M series
- Available in 3 industry standard sizes | 9, 15, 25
- Compatible with most industry micro D-Subs
- 1/3 the size of a standard backshell
- Metal to metal interface for robust mechanical connections & shield effectiveness
- -40°C TO +80°C (with grommets)
- -40°C TO +125°C (without grommets)

NORCOMP

MICRO-D

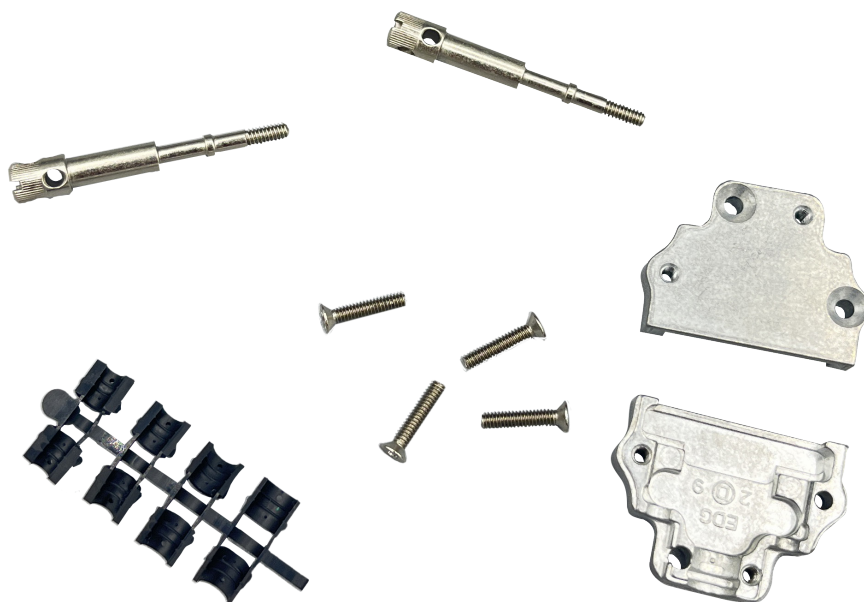*Backshells for the harsh environments with limited space*

Series	Positions	Angle
966-009-030R121	9 Position	180° Straight
966-015-030R121	15 Position	180° Straight
966-025-030R121	25 Position	180° Straight
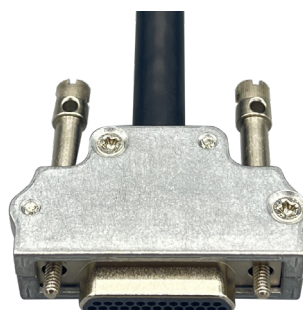
Kits come with 2 backshell halves, 4 shell screws, 2 thumb screws and 1 grommet tree.

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Connectors Sold Separately

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**
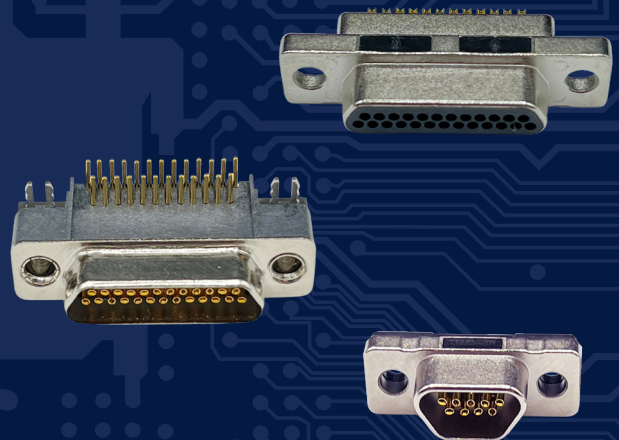
NORCOMP

| 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

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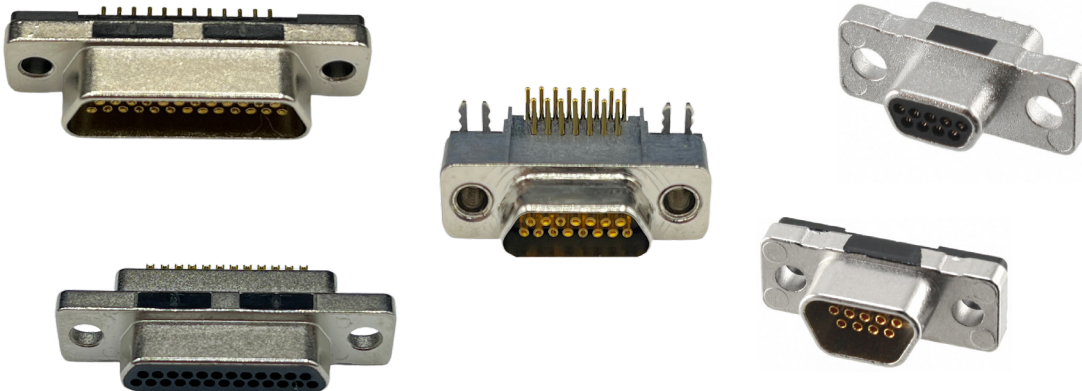
MICRO-D

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**
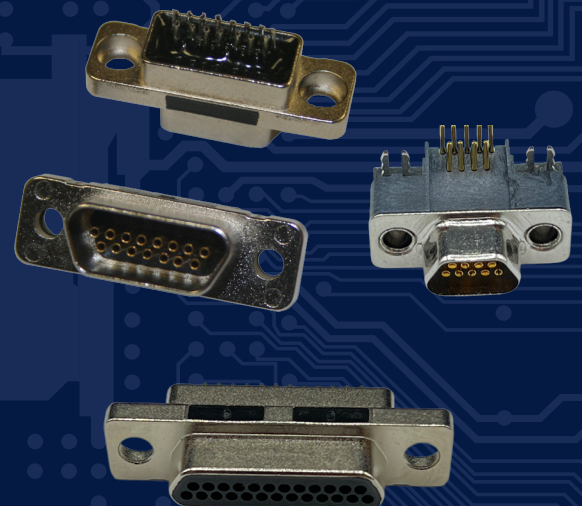
NorComp

MICRO-D

Cable Mount

	Series	Size
Female Backshell Kit	960-YYY-010R011	9 / 15 / 25 Position
Female Contacts	960-001-170L005	10K Per Reel
Female Cable Assemblies	CCA-YYY-YYYR152	9 / 15 / 25 Position
(Cable assembly to blunt cut)		

Board Mount

	Series	Size
Vertical PCB Mount (m)	380-YYY-113L001	9 / 15 / 25 Position
Vertical PCB Mount (f)	380-YYY-213L001	9 / 15 / 25 Position
Right Angle PCB Mount(m)	381-YYY-112L565	9 / 15 / 25 Position

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

Intermates with most commercial competitive products
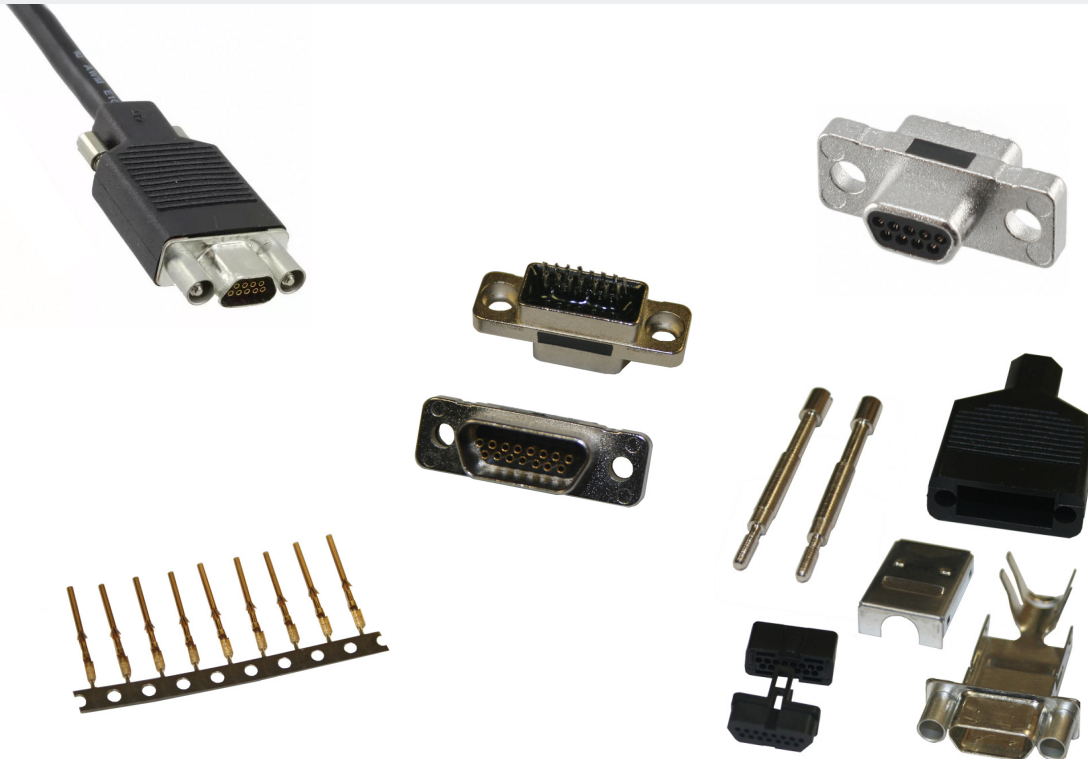
Less than 1/3 the size of a standard D-Sub

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Passion for Excellence

≡*M* SERIES
Machined Connector Performance

REC
RUGGED ENVIRONMENT
CERTIFIED

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

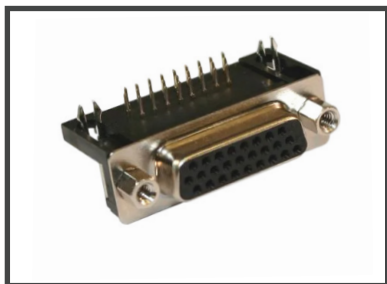# M SERIES
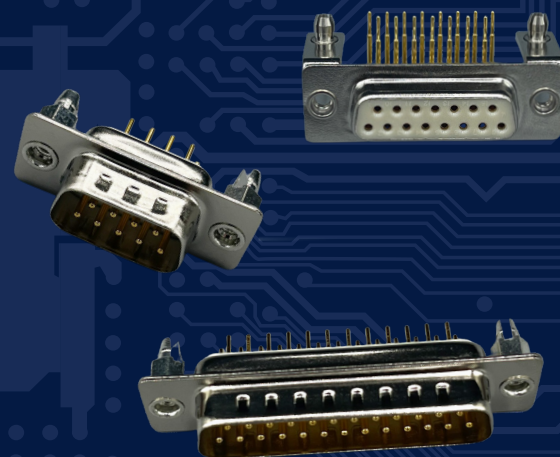
Machined Connector Performance

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	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
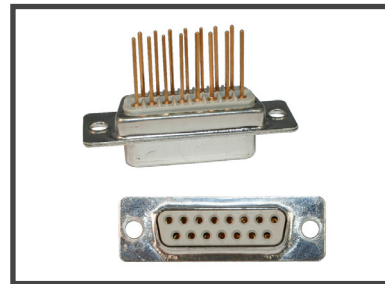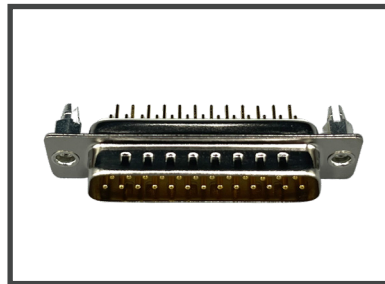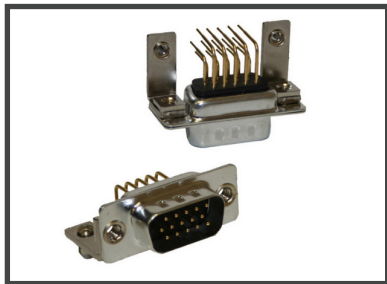
Contact us for any custom M-SERIES projects

NORCOMP
Passion for Excellence

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 I High Density 3A I Combo-D 20A/40A**
- **Solder Cup, Vertical Solder, & Right Angle Solder Board Mount Options**
- **-25°C to +85°C Operating Temperature**

NorComp

NANOOK

Ruggedized IP Rated D-Sub Connectors

Standard Density	Series	Sizes
Solder Cup	SDF-SYY-Y03LYYY	
Vertical Solder Tail	SDF-VYY-Y13LYYY	9 / 15 / 25 / 37
Right Angle Solder Tail	SDF-RYY-Y13LYYY	

High Density	Series	Sizes
Solder Cup	HDF-SYY-Y03LYYY	
Vertical Solder Tail	HDF-VYY-Y13LYYY	15 / 26 / 44 / 62
Right Angle Solder Tail	HDF-RYY-Y13LYYY	

POWER-D	Series	Contact Configurations
Solder Cup	CDFS(Y)YWYY03LYYY	2W2 I 2W2K I 5W1 3W3 I 3W3K
Vertical Solder Tail	CDFV(Y)YWYY13LYYY	7W2 I 11W1 5W5 I 9W4 I 13W3
Right Angle Solder Tail	CDFR(Y)YWYY13LYYY	17W2 I 21W1 8W8 I 13W6 I 17W5
		25W3 I 27W2 I 21W4

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POWER-D
Peak Capacity Performance

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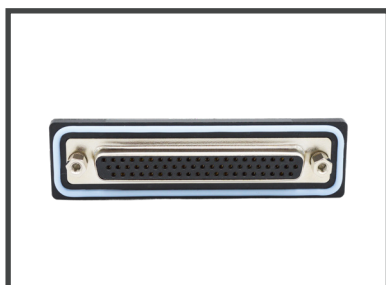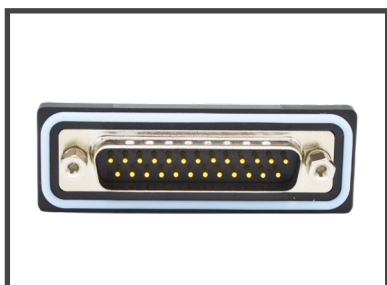
POWER-D I/O Connectors are designed for rugged / robust applications where both power & signal are required from a single connection. Featuring "Solid Pin" machined contacts, these connectors offer high reliability performance for the most challenging design applications

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**
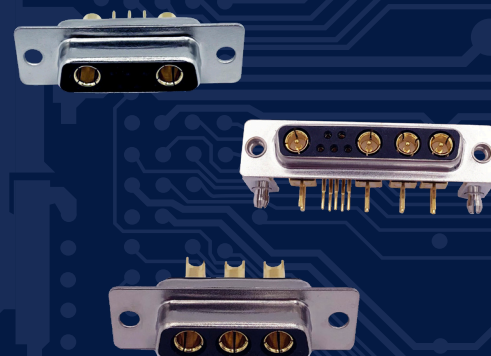
NORCOMP

POWER-D

Combined Power & Signal D-Subs

Cable Mount	**Series**	**Sizes**
Solder Cup - Plug	680MYWY103LYY1	3W3, 3W3K, 5W1, 5W5
Solder Cup - Socket	680MYWY203LYY1	7W2, 8W8, 9W4 11W1
		13W3, 17W2, 21W1, 21WA4

Vertical Board Mount	**Series**	**Sizes**
PCB Mount - Plug	681MYWY103LYY1	3W3, 3W3K, 5W1, 5W5
PCB Mount - Socket	681MYWY203LYY1	7W2, 8W8, 9W4 11W1
		13W3, 17W2, 21W1,

Right Angle Board Mount	**Series**	**Sizes**
PCB Mount - Plug	684MYWY103L461	3W3, 3W3K, 5W1, 5W5
PCB Mount - Socket	684MYWY203L461	7W2, 8W8, 9W4 11W1
		13W3, 17W2, 21W1, 21WA4

Crimp & Poke	**Series**	**Sizes**
Cable Mount - Plug	680MYWY173LYY1	3W3, 5W5, 7W2, 9W4
Cable Mount - Socket	680MYWY273LYY1	13W3, 17W2, 21WA4
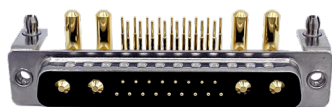
Right Angle Board Mount

Crimp & Poke
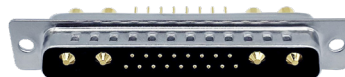
Vertical Board Mount

Solder Cup Plug
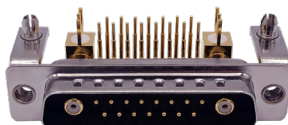
Co-axial

Solder Cup Socket

NORCOMP

Passion for Excellence

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.

REC RUGGED ENVIRONMENT CERTIFIED

FEATURES & BENEFITS

- **Signal / low power in 6 standard sizes**
  Standard 8 I 15 I 25 **/** High Density 15 I 26 I 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

SEAL-D®

Designed for IP Performance

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

NORCOMP
Passion for Excellence

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
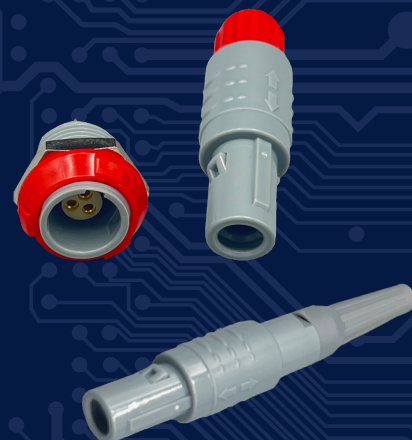
NORCOMP

QUIK-LOQ™

Plastic Push Pull Connectors

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

NORCOMP
Passion for Excellence

QUIK-LOQ™
Push-Pull Connector Systems

REC
RUGGED ENVIRONMENT
CERTIFIED

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
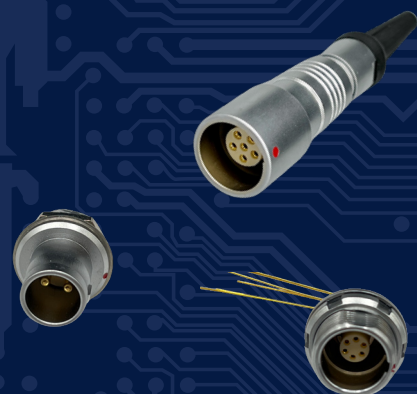
NORCOMP

QUIK-LOQ™

Rapid Latching I/O 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)*

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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 I 15 I 25 I 37 & High Density 15
- **Available 3 Different Connector Spacing Options**
  0.625" I 0.750" I 0.900"
- **Available in 6 Different Hardware Configurations**
- **High Temperature UL94V-0 Thermoplastic**
  260C° Process Temp
- **High Performance Stamped Contacts**

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Space Saving Connector Technology

0.750" Spacing	**Series**	**Size**
Female over Male	178-YYY-313RYY1	9 / 15 / 25 / 37 Position
Male over Female	178-YYY-413RYY1	9 / 15 / 25 / 37 Position
Female over Female	178-YYY-513RYY1	9 / 15* / 25 / 37 Position
Male over Male	178-YYY-613RYY1	9 / 15* / 25 / 37 Position
		*HD versions available

0.900" Spacing	**Series**	**Size**
Female over Male	179-YYY-313RYY1	9 / 15 / 25 / 37 Position
Male over Female	179-YYY-413RYY1	9 / 15 / 25 / 37 Position
Female over Female	179-YYY-513RYY1	9 / 15 / 25 / 37 Position
Male over Male	179-YYY-613RYY1	9 / 15 / 25 / 37 Position

0.625" Spacing	**Series**	**Size**
Female over Male	189-YYY-313RYY1	9 / 15 / 25 / 37 Position
Male over Female	189-YYY-413RYY1	9 / 15 / 25 / 37 Position
Female over Female	189-YYY-513RYY1	9 / 15* / 25 / 37 Position
Male over Male	189-YYY-613RYY1	9 / 15* / 25 / 37 Position
		*HD versions available
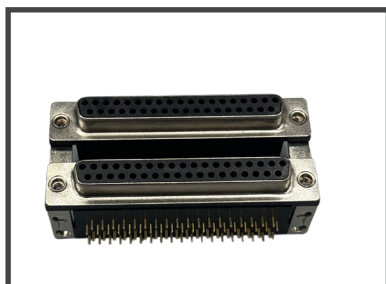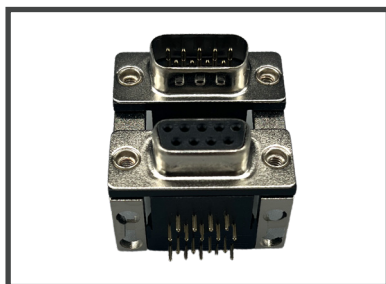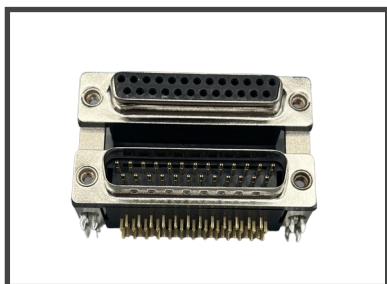
Contact us for any custom dual-port projects

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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

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|	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

A
B
D
L
S
T
X

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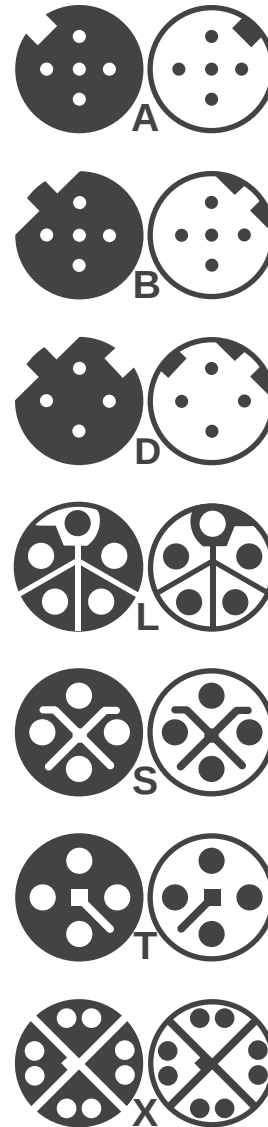
VULCON™ ADAPTERS

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

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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	M12 T Splitters	M12 Y Splitters	M12 Adapters
T54-A03-MMMR001	T58-A04-MMMR001	Y58-A04-MMMR001	S58-A04-MMR001
T54A04-MMMR001	T58-D04-MMMR001	Y58-D04-MMMR001	S58-D04-MMR001
T54B-05-MMMR001	T58-A05-MMMR001	Y58-A05-MMMR001	S58-A05-MMR001
	T58-B05-MMMR001	Y58-B05-MMMR001	S58-B05-MMR001
T54-A03-FFFR001	T58-A08-MMMR001	Y58-A08-MMMR001	S58-A08-MMR001
T54-A04-FFFR001			
T54-B05-FFFR001	T58-A04-FFFR001	Y58-A04-FFFR001	S58-A04-MFR001
	T58-D04-FFFR001	Y58-D04-FFFR001	S58-D04-MFR001
T54-A03-MFFR001	T58-A05-FFFR001	Y58-A05-FFFR001	S58-A05-MFR001
T54-A04-MFFR001	T58-B05-FFFR001	Y58-B05-FFFR001	S58-B05-MFR001
T54-B05-MFFR001	T58-A08-FFFR001	Y58-A08-FFFR001	S58-A08-MFR001
T54-A03-FMFR001	T58-A04-FMFR001	Y58-A04-MFFR001	RJM12MD04RA001
T54-A04-FMFR001	T58-D04-FMFR001	Y58-D04-MFFR001	RJM12FD04RA001
T54-B05-FMFR001	T58-A05-FMFR001	Y58-A05-MFFR001	RJM12MD04ST001
	T58-B05-FMFR001	Y58-B05-MFFR001	RJM12FD04ST001
T54-A03-FMMR001	T58-A08-FMFR001	Y58-A08-MFFR001	
T54-A04-FMMR001			
T54-B05-FMMR001		Y58-A04-FMFR001	
		Y58-D04-FMFR001	
Y54-A03-MFFR001		Y58-A05-FMFR001	
Y54-A04-MFFR001		Y58-B05-FMFR001	
Y54-B05-MFFR001		Y58-A08-FMFR001	

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VULCON™ FIELD INSTALLABLE
Rugged and Reliable Field Deployable

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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.
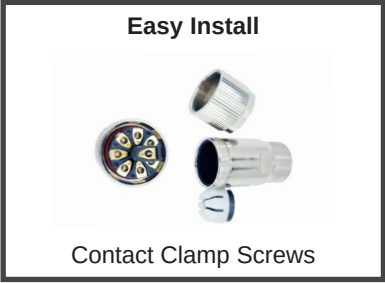
FEATURES & BENEFITS

- **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**

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VULCON™ FIELD INSTALLABLE

Plastic Shell

M12 5 Pin Male

Plastic Shell

M12 5 Pin Female

Plastic Shell

M12 8 Pin Male

Metal Shell

M12 8 Pin Female

Metal Shell

M12 8 Pin Male

Easy Install

Contact Clamp Screws

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

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VULCON™ STEEL

Future of Circular Connector Technology

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VULCON™ 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**

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VULCON™ STEEL

Future of Circular Connector Technology

VULCON™ STEEL
Circular Connectors

A Code	Male Sizes	Female Sizes
Cable Mount	3,4,5,8,12	3,4,5,8,12
Panel Mount Solder Cup	3,4,5,8,12	3,4,5,8,12
Vertical Board Mount	3,4,5,8,12	3,4,5,8,12
Right Angle Board Mount	3,4,5,8	3,4,5,8

D Code	Male Sizes	Female Sizes
Cable Mount	4	4
Panel Mount Solder Cup	4	4
Vertical Board Mount	4	4

L Code	Male Sizes	Female Sizes
Cable Mount	5	5
Panel Mount Solder Cup	5	5

D Code	Male Sizes	Female Sizes
Cable Mount	4	4
Panel Mount Solder Cup	4	4
Vertical Board Mount	4	4

Stainless Steel Pigtails available.

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			Features	More Details
VULCON *Future of Circular Connector Technology*		Machined metric circulars available in a variety of pin counts, standard shell sizes, mounting options, key codes, and kits.	• EMI / RFI Shielding • IP67 Mated & Unmated • Coded in A,B,D,L,S,T,X • M5, M8, M12, M16s	
VULCON STEEL *Future of Circular Connector Technology*		Stainless steel circulars with machined contacts/housing for precision performance from off-the-shelf corrosion-resistant M12s.	• EMI / RFI Shielding • IP68 Mated & Unmated • Coded in A,D,L,X • Salt Spray Tested	
VULCON ADAPTERS *ADAPTING TO THE FUTURE OF CIRCULAR CONNECTORS*		Splitters & adapters for metric circulars & RJ45.	• EMI / RFI Shielding • IP67 • Coded in A,B,D • 4 AMP, +85°C, 3-8 Pins	
VULCON FIELD INSTALLABLE *Rugged and Reliable Field Deployable*		Field Installable Metric Circulars with screw terminals for easy mobile deployment.	• Screw Terminations • IP67 • Coded in A,B,D • 4 AMP, +85°C, 3-8 Pins	
QUIK–LOQ *Push-Pull Connector Systems*		Push-Pulls with industry standard sizing and positions offering rapid connect and disconnect options for high mating cycles connections in high vibration applications.	• EMI / RFI Shielding • IP67 / IP50 • 5000+ Mating Cycles • Positive Locking	
SEAL-D *Designed for IP Performance*		D-subs with proprietary internal sealing technology, IP67 connection in the same footprint as a standard d-sub.	• EMI / RFI Shielding • IP67 / IP68 • High Amperage Available • Rugged Performance	
POWER-D *Peak Capacity Performance*		Robust D-Subs Combining High Power & Signal Contacts in One Connector.	• EMI / RFI Shielding • Up to 40 AMP Rating • Cable and Board Mounts • Multiple Layouts Available	
MICRO–D *Machined Micro-Miniature Connectors*		Machined Micro-Miniature D-Sub Interconnects & Backshells 1/3rd the standard D-Sub Footprint.	• EMI / RFI Shielding • COTS Equivalents • 2 AMPs, 60V, +125°C • Machined Contacts	
ARMOR *Ruggedized Backshell Systems*		D-Sub Housing & Strain Relief Offering EMI-RFI Shielding.	• EMI / RFI Shielding • Strain Relief • Multiple Entry Options • Up to 50 / 78 HD positions	
NANOOK *Ruggedized IP Rated D-Sub Connectors*		IP67 / IP68 Flange Sealed D-Subs For Standard, High Density, and Combination power/signal D-Subs	• EMI / RFI Shielding • IP67/IP68 • High Amperage Available • 25+ Different Pin Options	
M SERIES *Machined Connector Performance*		Featuring "Solid Pin" machined contacts, these connectors offer high reliability performance	• EMI / RFI Shielding • Machined Contacts • Breadth of Pin options • High Density & Standard	
STACKED *Space Saving Connector Technology*		Designed For Applications Requiring Multiple Connector Ports with limited PCB Space	• Space Saving technology • 260°C Process Temp • Cost Effective Performance • 9P. 15P, 25P, 37P, 15PHD	

NorComps products are especially suited to markets where applications demand more out of their connectors. Rugged environments ranging from freezing mountain data loggers to high temperature industrial manufacturing.

► Full Engineering Support	► Reliable Distribution Network	► IP67/IP68 Rating	► Ruggedized Strain Relief
► Rapid Response Sales Team	► Strong Inventory Availability	► EMI/RFI Shielding	► Shock & Vibration Resistance
► Flexible Manufacturing	► Environmental Compliance	► High Mating Cycles	► Wide Operating Temp Range

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The NorComp Value

NorComp is a leader in the design, manufacturing, & marketing of interconnect solution products. Offering a wide range of premium, rugged, high reliability connectors for demanding applications in harsh environments. As an innovative interconnect solutions manufacturer, NorComp offers a wide range of connectors for industrial, robotic, medical, telematics, military and computer markets.

NorComp's strategic objective is to provide industry leading interconnect solutions by utilizing its' supply chain services, engineering and connector manufacturing capabilities throughout the world and applying these competencies to key customers in core markets served.

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.

FAQs

What certifications does NorComp have?
RoHS, REACH, ITAR, ISO9001
Where can I purchase NorComp parts?
Visit our website to see our distribution partners who provide excellent service to our customers.
Can I get a sample of a product?
NorComp has a customer friendly sample program, visit our website to make a request
Where is NorComp based?
NorComp is headquartered in Charlotte, NC.

📞 **800.849.4450**

@ **info@norcomp.net**

🌐 **norcomp.net**

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