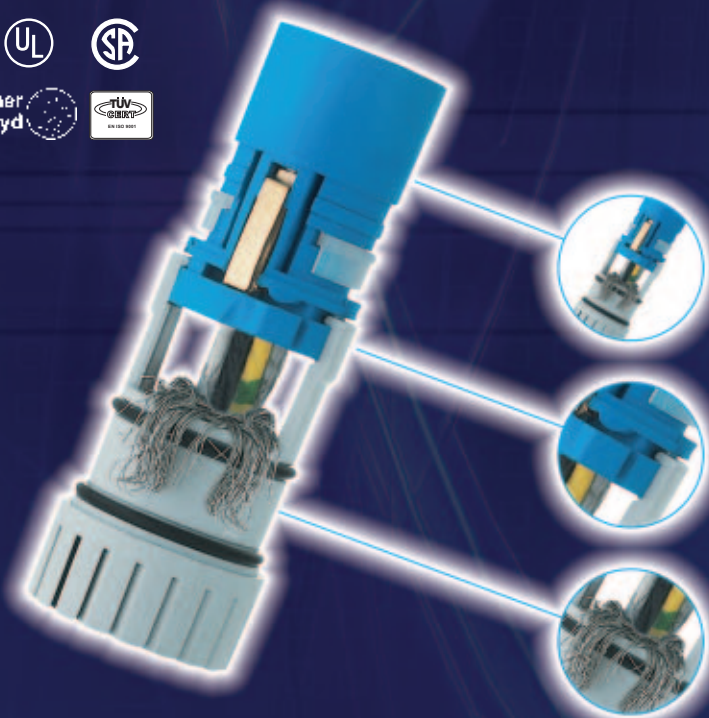




ESTCO

ENTERPRISES, INC.

CIRCULAR CONNECTORS



Cable assembly and shielding is possible in a single operation. Trimming of braided shield is not necessary for insertion into the connector housing



Patented Euro Lock System® holds the contacts securely in position. Strain relief insert with four fingers prevents cable rotation.

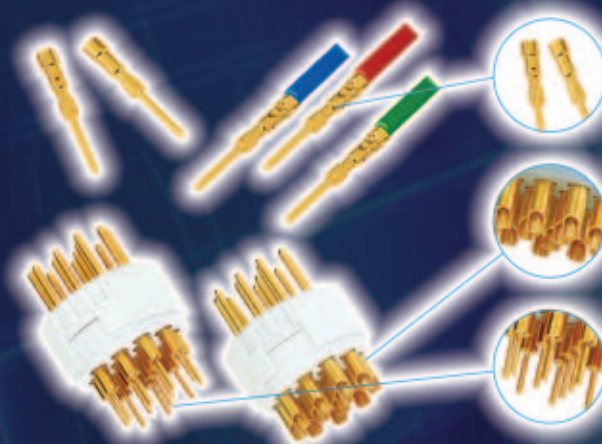


Flexible EMI O-ring guarantees reliable EMI protection for light and heavy braided shields.

Unique Benefits

Why use HUMMEL Circular Connectors?

- Easy field assembly - No special tool required to insert & extract contacts.
- Modular for a variety of configurations - All connectors EMI ready.
- Threaded and Push-Pull (Quick Disconnect) in One - Compatible to other M23 brands.
- Reliable connection - Contacts with low plug-in force and high mating cycles.
- Pre-Tinned contacts - Reliable, Faster and Safer means of soldering.
- Inserts for all types of contacts - Crimp, Solder & Dip Solder.
- Immediate Availability!
- RoHS Compliant!



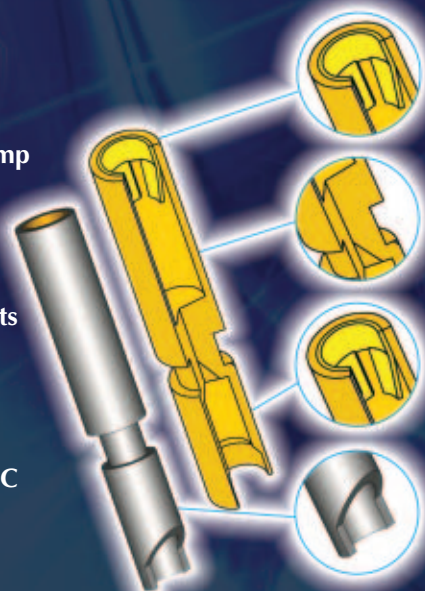
Machined Crimp Contacts



Solder Contacts



Dip Solder Contacts for PC Boards



Radially arranged copper beryllium spring contacts assure low plug-in resistance and high cycle life (mating cycles)

The circular shaped outside configuration of the socket results in a perfect concentric position during connection

Best conductivity as a result of a gold plated contact area.

Reduced assembly time because of tinned soldering surfaces of the contacts.



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 800.696.7826 • 760.489.8745 • 760.489.8746
 Fax: 760.489.9117

sales@estcoenterprises.com www.estcoenterprises.com

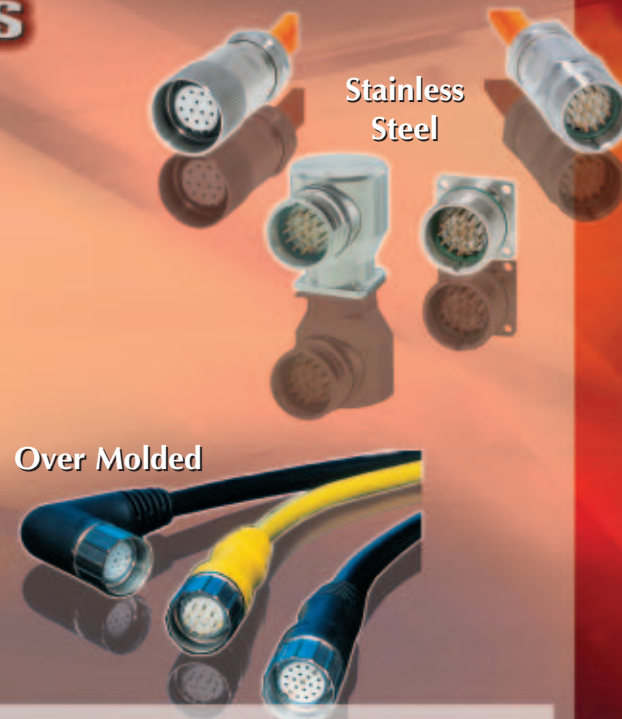


M23: Signal Connectors

IP 67 NEMA 4X



Nickel Plated Brass
Standard / EMI



Stainless
Steel

Over Molded

Crimp, Solder & Dip Solder

TECHNICAL:

Number of Contacts:	6 - 19	Cable OD:	3 - 14 mm (.12" - .55")
Amp Rating:	8 - 20	Temperature:	-40°C to 125°C (-40°F to 257°F)
Voltage Rating:	150 - 300	Wire Gauge:	28 - 12 AWG

M40: Power Connectors

IP 67 NEMA 4X



TECHNICAL:

Material:	Nickel Plated Brass
Number of Contacts:	6 - 8
Amp Rating:	28 - 55
Voltage Rating:	300 - 800
Cable OD:	13 - 28 mm (.51"-1.10")
Wire Gauge:	20 - 6 AWG
Temperature:	-40°C to 125°C (-40°F to 257°F)

RUGGED
For Up To 55A
Applications!

M16: Signal Connectors

IP 67 NEMA 4X

TECHNICAL:

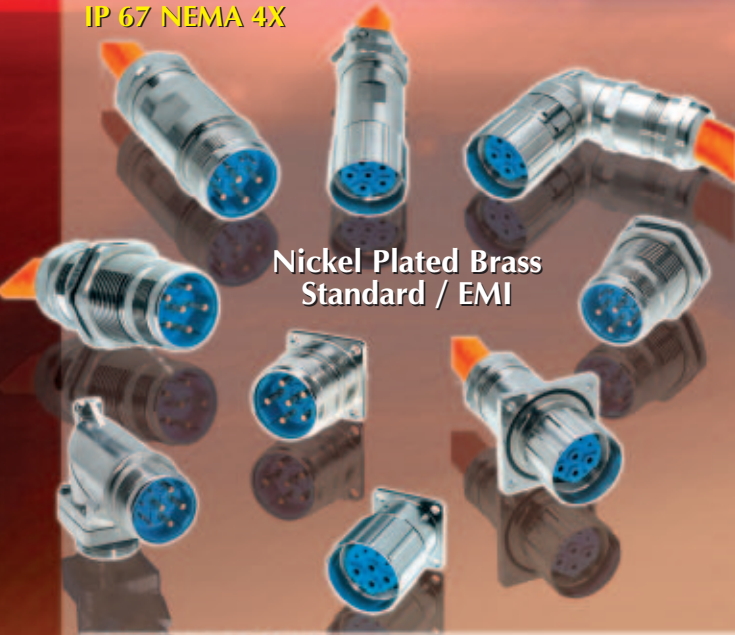
Material:	Nickel Plated Brass Die Cast Aluminum
Number of Contacts:	3 & 10
Amp Rating:	8 - 20
Voltage Rating:	160 - 400
Cable OD:	2 - 9 mm (.08"- .35")
Wire Gauge:	26 - 17 AWG
Temperature:	-40°C to 125°C (-40°F to 257°F)



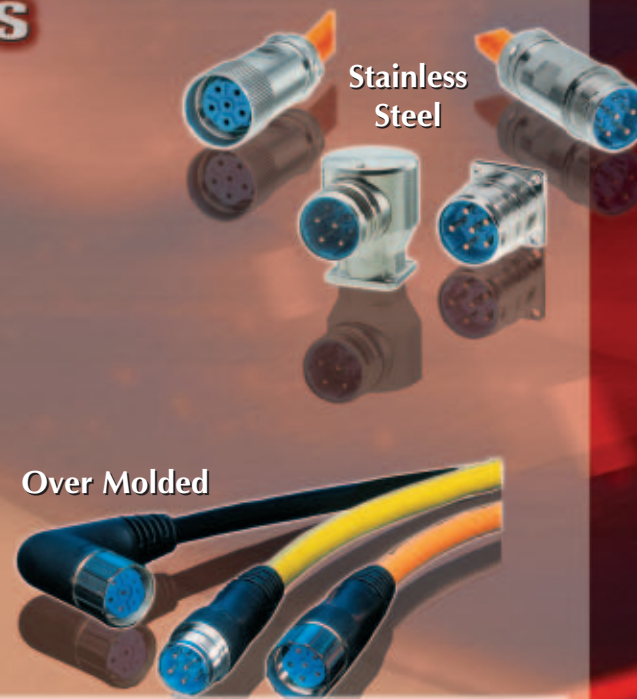
30% Smaller
Than M23 Size!

M23: Power Connectors

IP 67 NEMA 4X



Nickel Plated Brass
Standard / EMI



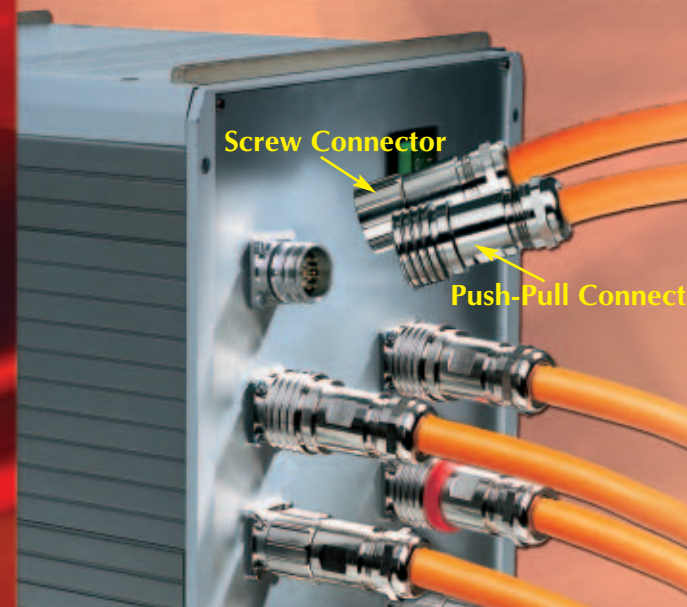
Stainless
Steel

Over Molded

TECHNICAL:

Number of Contacts:	6 - 8	Cable OD:	7 - 17 mm (.28" - .67")
Amp Rating:	8 - 28	Temperature:	-40°C to 125°C (-40°F to 257°F)
Voltage Rating:	300 - 800	Wire Gauge:	24 - 12 AWG

Push-Pull Connectors



Screw Connector

Push-Pull Connector

This unique Connector features a panel mounted Dual Function Connector suitable for Screw and Push-Pull (Quick Disconnect) Connection. The threaded male panel mount has the locking grooves. Initially the connector can be specified with the more economical female screw connector and later converted to the more user friendly Push-Pull style. Easy Connect / Disconnect even under restricted working conditions.

