



Connectors > D-Shaped Connectors > D-Sub Connectors > IDC D-Sub Connectors > IDC D-Sub: Receptacle Assembly, Signal, 2.16 mm



Connector & Housing Type: **Receptacle**
Shielded: **No**
Connector System: **Cable-to-Cable, Cable-to-Panel**
Number of Positions: **14, 24, 36, 50, 64**
Centerline (Pitch): **2.16 mm [.085 in]**
[All IDC D-Sub: Receptacle Assembly, Signal, 2.16 mm \(15\)](#)

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Cable, Cable-to-Panel
Connector Product Type	Connector Assembly
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	14, 24, 36, 50, 64
Number of Rows	2
Compatible With Wire & Cable Type	Discrete Wire, Ribbon Cable, Round Jacketed Cable

Body Features

Connector Profile	Standard
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Contact Features

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Contact Underplating Material	Palladium Nickel
Contact Mating Area Plating Material	Gold (Au), Gold Flash
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Options	Installed
Contact Current Rating (Max)	1 A, 3.5 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention	With
Mating Retention Type	Screwlocks
Thread Size	4-40 UNC 2B
Connector Mounting Type	Cable Mount (Free-Hanging), Panel Mount

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2.16 mm[.085 in]

Dimensions

Compatible Insulation Diameter (Max)	1.14 mm[.045 in]
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Usage Conditions

Operating Temperature Range	-40 – 75 °C[-40 – 167 °F]
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Operation/Application

Circuit Application	Signal
Shielded	No

Packaging Features

Packaging Method	Box & Tray, Package
Packaging Quantity	100

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2025 (247)
Candidate List Declared Against: JAN 2025 (247)
SVHC > Threshold:
Triphenyl phosphate (TPP) (1.5% in 20567588257)

Article Safe Usage Statements:
Wash thoroughly after handling. Do not handle until all safety precautions have been read and understood. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

TE Part # CAT-357-D650155
IDC D-Sub: Receptacle Kit, Signal, 50, 2.16 mm

TE Part # CAT-357-D658
IDC D-Sub: Plug Assembly, Signal, Cable to Cable, 2.16 mm

TE Part # CAT-357-D601
IDC D-Sub: Receptacle Assembly, Signal, 2.16 mm

TE Part # CAT-357-D65015
IDC D-Sub: Connector Kit, Plug, Signal, 2.16 mm

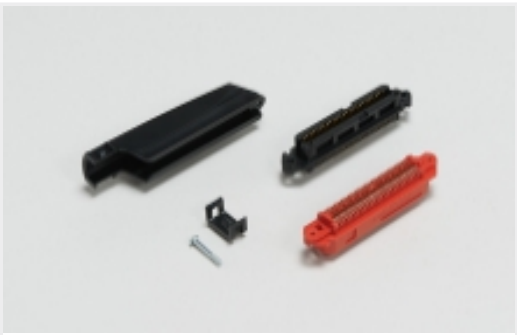
Also in the Series | CHAMP Docking Connectors

Connector Caps & Covers(29)

Connector Hardware(28)

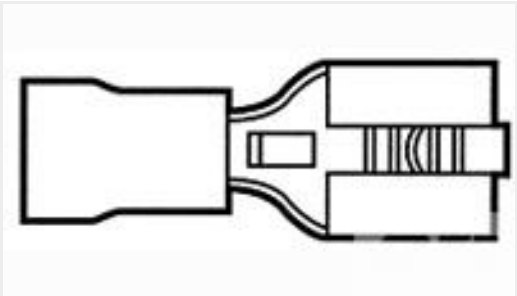
Connector Strain Relief(2)

Docking Connectors(19)

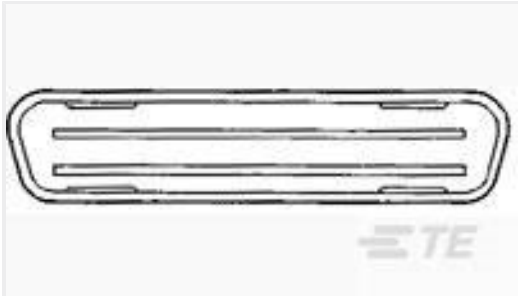


IDC D-Sub Connectors(55)

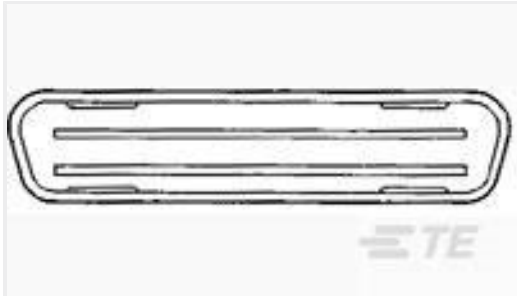
Customers Also Bought



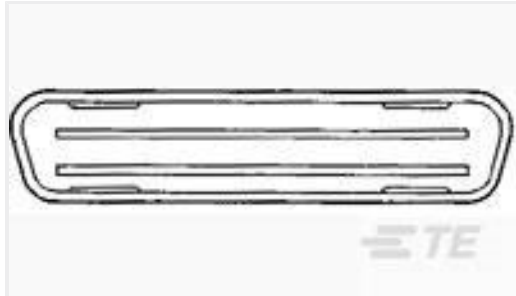
TE Part #55675-2
RECEPT, PIDG FASTON 22-18 250



TE Part #229968-1
COVER, DUST, PLUG, BLUE, CHAMP



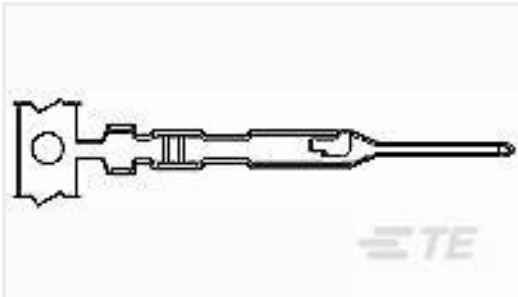
TE Part #229969-1
COVER, DUST, RCPT, RED, CHAMP



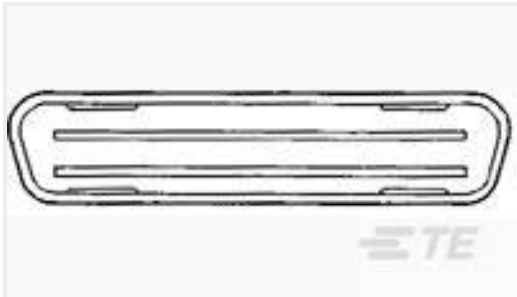
TE Part #229969-2
COVER, DUST, RCPT, RED, CHAMP



TE Part #1-745496-7
25 HDE MS PLUG, 22-26, LEAD FREE



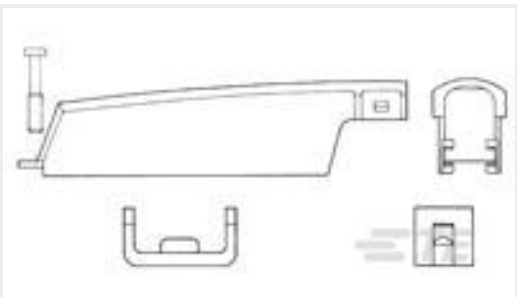
TE Part #5-104505-5
MTE PIN LP



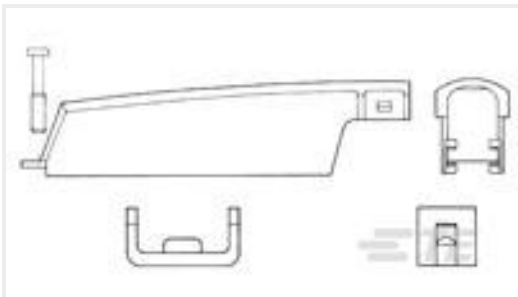
TE Part #229968-2
COVER, DUST, PLUG, BLUE, CHAMP



TE Part #5-1478763-1
Metal backshell 9 way 45 Deg E



TE Part #229909-1
COVER, TAPERED, 90DEG, CHAMP PKG



TE Part #229910-1
CLAMP, CABLE, CHAMP PACKAGING

Documents

Product Drawings

ASSY, RCPT, 50POS, B SLOT, BLK HSG

English

CAD Files

Customer View Model

ENG_CVM_CVM_229975-1_AB.2d_dxf.zip

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_229975-1_AB.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_229975-1_AB.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English

[UL Report](#)

English

[UL Report](#)

English