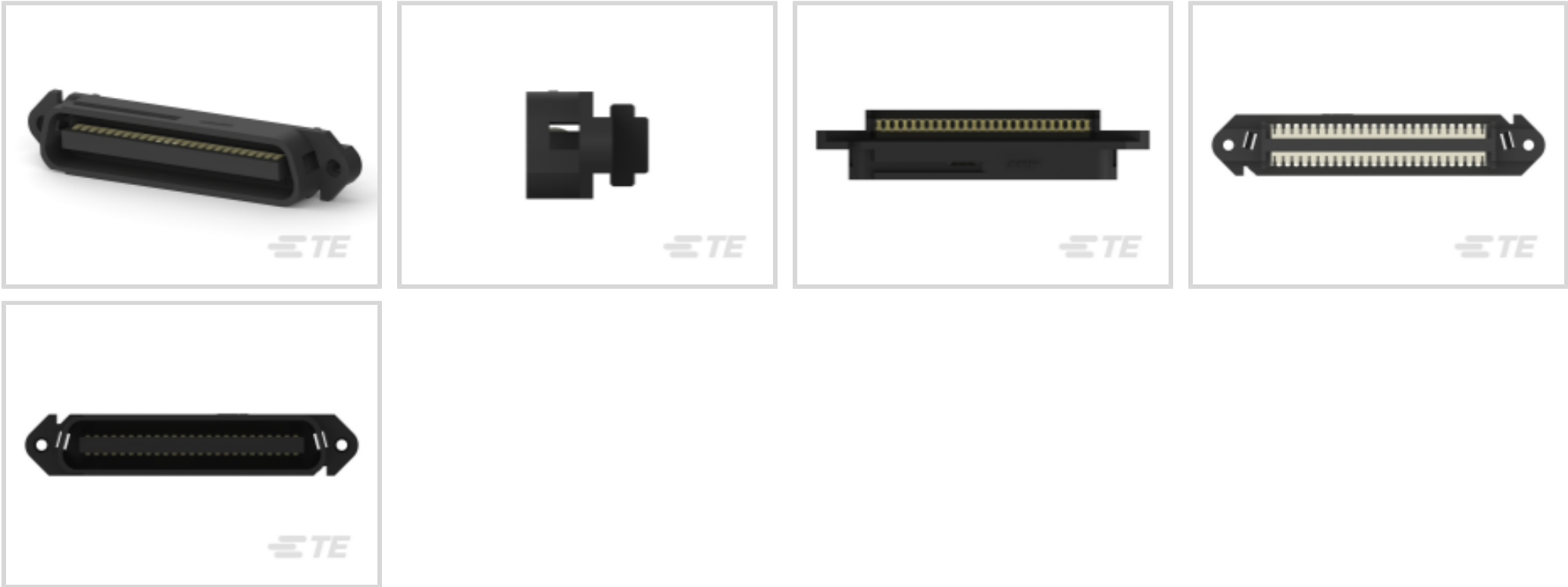




Connectors > D-Shaped Connectors > IDC D-Sub: Plug Assembly, Signal, Cable to Cable, 2.16 mm



Number of Positions: 14, 24, 36, 50, 64
Connector & Housing Type: Plug
Connector System: Cable-to-Cable
Connector Mounting Type: Cable Mount (Free-Hanging)
Centerline (Pitch): 2.16 mm [.085 in]

[All IDC D-Sub: Plug Assembly, Signal, Cable to Cable, 2.16 mm \(15\)](#)

Features

Product Type Features

Connector & Housing Type	Plug
Connector System	Cable-to-Cable
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, Round Jacketed Cable

Body Features

Connector Profile	Standard
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Contact Features

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

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)

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	-55 – 105 °C, -40 – 75 °C[-67 – 221 °F][-40 – 167 °F]
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Operation/Application

Shielded	No
Circuit Application	Signal

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: JUNE 2025 (250)
Candidate List Declared Against: JUNE 2025 (250)
SVHC > Threshold:
Triphenyl phosphate (TPP) (1% in 4993802)

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

Low Bromine/Chlorine - Br and Cl < 900 ppm per homogenous material. Also BFR /CFR/PVC Free

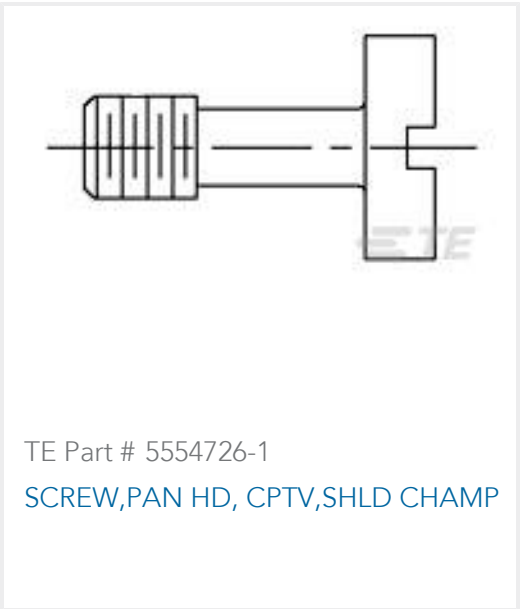
Solder Process Capability

Not applicable for solder process capability

Product Compliance Disclaimer

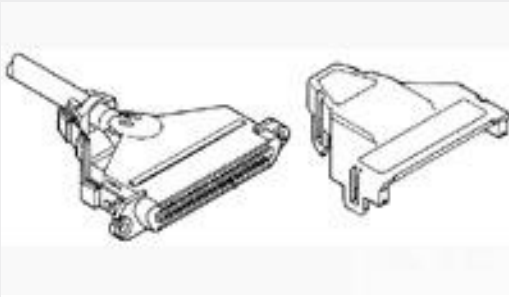
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



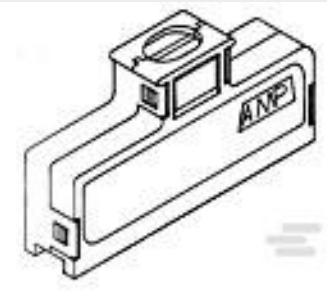
TE Part # 554725-5
FERRULE, INNER, SHLD CHAMP



TE Part # 554946-1
COVER KIT, 180 DEG,50 POS,SHLD



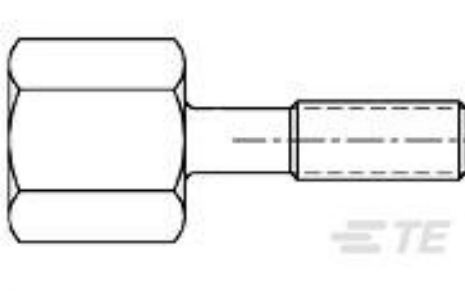
TE Part # 5554272-1
HDW KIT, EMI, PRE-ASSEMBLED



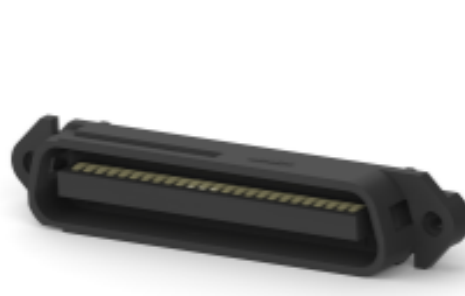
TE Part # 552082-1
180 DEG COVER KIT 64 POS



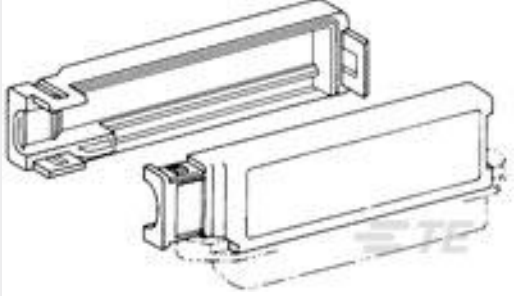
TE Part # 554725-6
FERRULE, INNER, SHLD CHAMP



TE Part # 5552657-1
SCREW, MTG, HEX HD



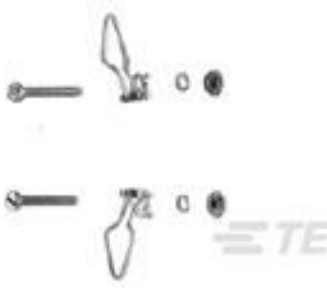
TE Part # CAT-357-D658
IDC D-Sub: Plug Assembly, Signal, Cable to Cable, 2.16 mm



TE Part # 2-552496-1
90 DEG COVER KIT-64 POS BLK



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



TE Part # 5552562-1
KIT,HDW,BAIL LOCK,VERT MTG



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



TE Part # 5552568-1
HDW KIT,SCR LOCK,PNL MTG, CHAMP

Also in the Series | CHAMP Docking Connectors



Connector Caps & Covers(27)



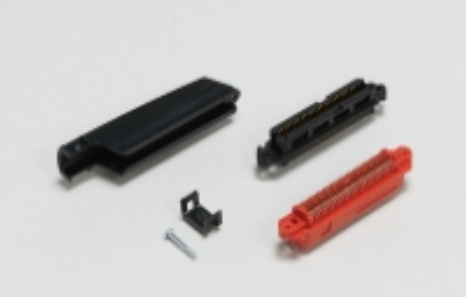
Connector Hardware(26)



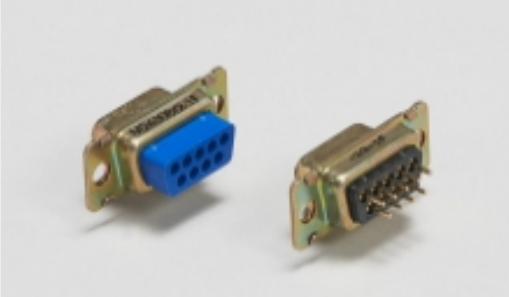
Connector Strain Relief(2)



Docking Connectors(19)



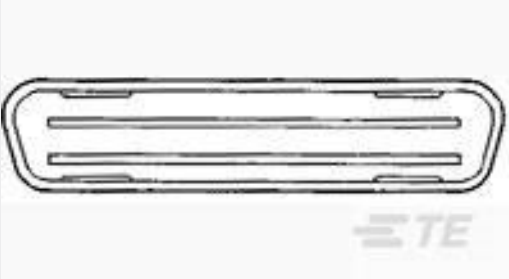
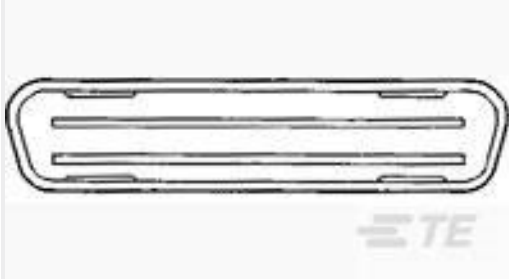
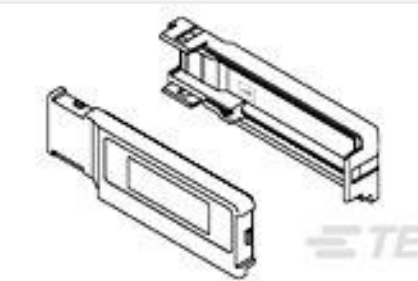
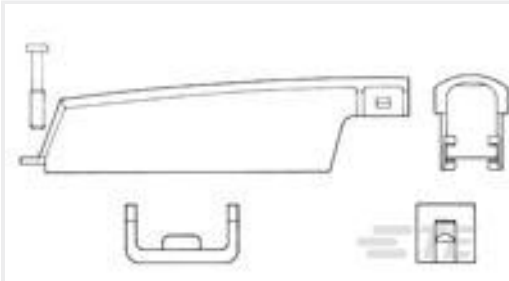
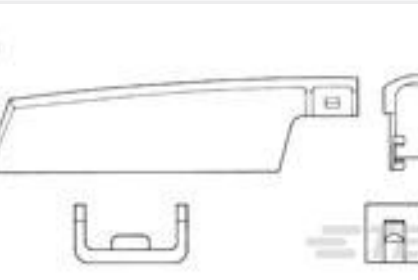
IDC D-Sub Connectors(41)



Panel Mount D-Sub Connectors(5)

Customers Also Bought



 TE Part #CN9930-000 SBP190319WE2.5	 TE Part #229968-1 COVER,DUST,PLUG,BLUE,CHAMP	 TE Part #229968-2 COVER, DUST, PLUG, BLUE, CHAMP	 TE Part #229969-1 COVER,DUST,RCPT,RED,CHAMP
 TE Part #552731-1 KIT, 90 COVER, 50 POS	 TE Part #1-745496-7 25 HDE MS PLUG,22-26,LEAD FREE	 TE Part #2267130-4 SUBMIN PUSHBUTTON, PBS9MZRES	 TE Part #229909-1 COVER,TAPERED,90DEG "CHAMP PKG"
 TE Part #229910-1 CLAMP, CABLE "CHAMP PACKAGING"	 TE Part #2301994-3 RJ45 JACK INT.MAG. 10/100 1X1 INV.		

Documents

Product Drawings

ASSY, PLUG, 50 POS, B SLOT

English

CAD Files

Customer View Model

ENG_CVM_CVM_229974-1_AB.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_229974-1_AB.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_229974-1_AB.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications



Application Specification

English

Agency Approvals

UL Report

English

UL Report

English