



Connectors > D-Shaped Connectors > D-Sub Shielded Receptacle Assembly: Right Angle, 2.16mm



Number of Positions: 50

Connector & Housing Type: **Receptacle**

Connector System: **Cable-to-Board**

Connector Mounting Type: **Board Mount**

Centerline (Pitch): **2.16 mm [.085 in]**

[All D-Sub Shielded Receptacle Assembly: Right Angle, 2.16mm \(20\)](#)

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Rows	2
Number of Positions	50

Body Features

Assembly Process Feature Material	Carbon Steel
Shield Plating Material	Nickel
Shield Plating Finish	Bright
Shield Material	Copper-Zinc Alloy



Connector Profile	Standard
Contact Features	
	30 µin
Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Current Rating (Max)	3.5 A
Contact Options	Installed
Termination Features	
Rectangular Termination Post & Tail Width	.5 mm[.019 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	2.29 mm[.09 in]
Mechanical Attachment	
Mating Retention Type	4-40 Tapped Holes
PCB Mount Retention	With
Mating Retention	With
PCB Mount Retention Type	Boardlock
Assembly Process Feature Plating Material	Tin
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Polyester GF
Centerline (Pitch)	2.16 mm[.085 in]
Dimensions	
Row-to-Row Spacing	4.3 mm[.169 in]
Panel Thickness (Recommended)	1.57 mm[.062 in]
	.062 in
Usage Conditions	
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
Operation/Application	
Shielded	Yes
Circuit Application	Signal



Packaging Features

Packaging Quantity	40
Packaging Method	Package

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) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

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



Customers Also Bought



TE Part #6450814-1
MBXL VERT HDR STR 2ACP+12S



TE Part #2204167-1
MBXLE R/A RCPT,A/C PASS THRU 4ACP+12S+3P



TE Part #2178531-2
CROWN CLIP JUNIOR CONNECTOR



TE Part #1-406541-1
MJ,INV,1X1,6PNL G.,100"ST,SN



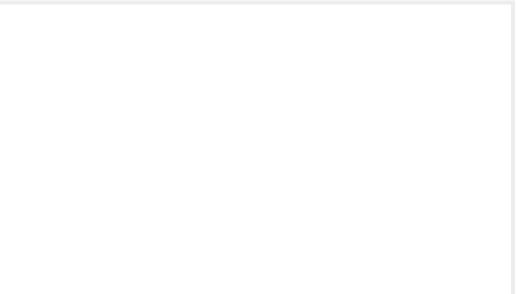
TE Part #1-5406203-2
MJ,ASSY,4P,8POS,CAT5,PNL TABS,.1S /T



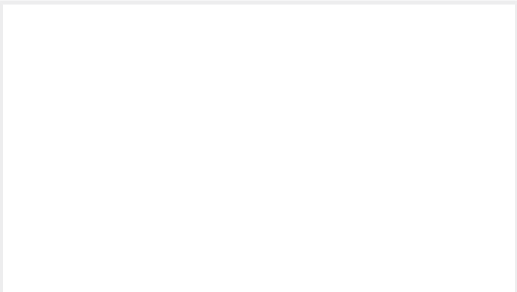
TE Part #2178531-4
Crown Clip Junior AG Plating Reflow



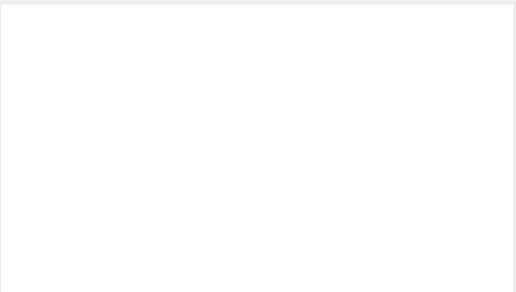
TE Part #5406203-1
MJ ASSY,4P,8POS,SH,CAT5,NS P/O



TE Part #2349422-3
LOAD PLATE ASSEMBLY FOR HW



TE Part #1367627-8
light pipe assy, 1x1 sfp



TE Part #2425525-1
MINIPAK HDL REC WITH NUTS

Documents

Product Drawings

RCPT ASSY,LP,SHLD,RA50,STD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6339447-7_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6339447-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6339447-7_B.3d_stp.zip

English

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Product Specifications



Application Specification

English

Agency Approvals

UL

English