



Connectors > D-Shaped Connectors > D-Sub Connectors > Panel Mount D-Sub Connectors



Connector & Housing Type: **Receptacle**  
Termination Post & Tail Diameter: **.76 mm [ .03 in ]**  
Connector System: **Cable-to-Board**  
Connector Mounting Type: **Board Mount**  
Number of Positions: **50**

Features

Product Type Features

Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
Connector Shell Size	5
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	50
Power/Signal/Coax Combination	No

Body Features

Front Shell Material	Steel
D-Sub Connector Insert Arrangement	MS18277-1
Rear Shell Plating Material	Cadmium
Rear Shell Material	Steel
Front Shell Plating Material	Cadmium

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Beryllium Copper, Brass



PCB Contact Termination Area Plating Material	Gold
	10 µin
Contact Options	Installed
Contact Type	Socket
Contact Size	Size 20
Contact Current Rating (Max)	5 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	4.78 mm[.188 in]
Termination Post & Tail Diameter	.76 mm[.03 in]

Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
Connector Mounting Type	Board Mount
Mating Alignment	Without

Housing Features

Centerline (Pitch)	2.77 mm[.109 in]
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Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Method	Package
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	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: Cd (100% in 5115185546)



Pb (3.7% in 74019106)

**Article Safe Usage Statements:**  
Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.


Solder Process Capability

Pin-in-Paste capable to 260°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>

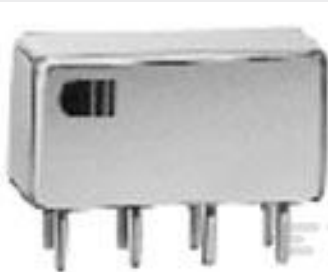
Customers Also Bought



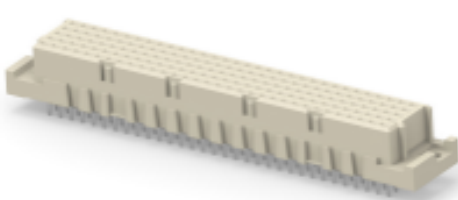
TE Part #207684-1  
AMPLIMITE,SKT CONT,SZ 22



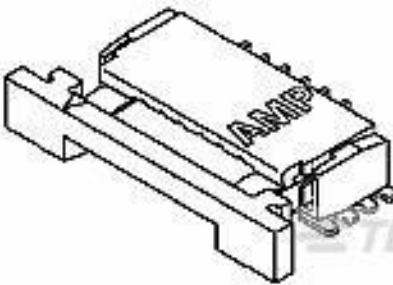
TE Part #YDIV44E25-35SBV001  
RECP ASSY




TE Part #2-1617031-3  
HFW1201K46 = M39016/6-209L



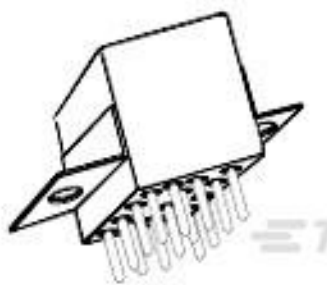
TE Part #284314-E  
STVE 160 F ABCDE VVVV 7-00 TL 4,0 \* 247




TE Part #84952-7  
1MM FPC HORZ.BTTM CONT.ASS.7P




TE Part #50462-6  
SOCKET,MIN-SPR AU SER-2




TE Part #1-1617754-7  
FCA-410-1620M=M83536/16-020M



TE Part #1-332070-4  
SOCKET,MIN-SPR W/H AU SER-4



TE Part #1617148-2  
JMGAPD-18P = M39016/18-029P



TE Part #YDIV44E25-35SCV001  
RECP ASSY



Documents

Product Drawings

AMPLIMITE,ASY,RCPT,POSTD,109,5

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_443976-5\_H.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_443976-5\_H.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_443976-5\_H.3d\_stp.zip

English

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