



Connectors > D-Shaped Connectors



Number of Positions: 50  
Connector & Housing Type: Plug  
Connector System: Cable-to-Cable  
Connector Mounting Type: Panel Mount  
Connector Shell Size: 5

Features

Product Type Features

Sealable	No
Connector & Housing Type	Plug
Connector System	Cable-to-Cable
Connector Shell Size	5
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Power/Signal/Coax Combination	No
Number of Positions	50

Body Features

Front Shell Material	Brass
Mating Retention Feature Material	Copper Alloy
D-Sub Connector Insert Arrangement	MS18277-1
Rear Shell Plating Material	Gold
Rear Shell Material	Brass
Front Shell Plating Material	Gold

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Base Material	Copper



Contact Size	Size 20
	100 µin
Contact Type	Pin
Contact Current Rating (Max)	7.5 A
Contact Options	Order Separately

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

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	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: JUNE 2024 (241) 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

TE Part # 205089-4  
HD 20 PIN CONTACT, NON-MAG

TE Part # 91067-2  
INSERTION/EXTRACTION TOOL

Customers Also Bought

TE Part #206800-2  
PLG ASSY, 25 POS, AMPLIMITE

TE Part #206505-4  
RECEPT ASSY, 78 POSN, AMPLIMITE

TE Part #206799-2  
RECEPT ASSY, 15 POSN, AMPLIMITE

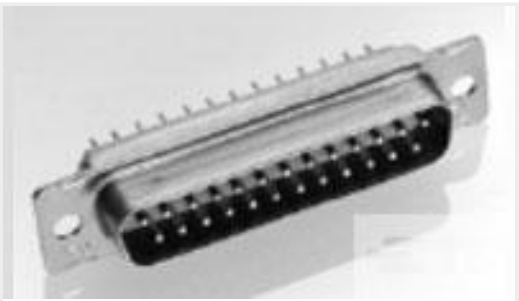
TE Part #206798-2  
PLG ASSY, 15 POS, AMPLIMITE

TE Part #206504-4  
PLUG ASSY, 78 POSN, AMPLIMITE

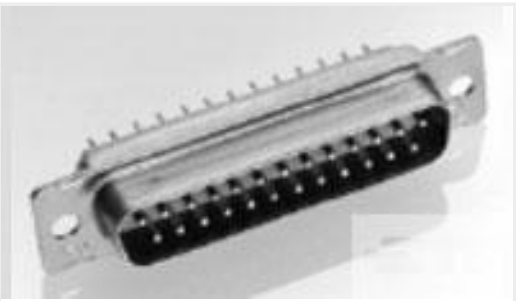
TE Part #206801-2  
AMPLIMITE RECEPT ASY, 25 POS

TE Part #206793-1  
SZ 20, SOCKET, NON-MAG

TE Part #205089-4  
HD 20 PIN CONTACT, NON-MAG



TE Part #207253-2  
[RECEPT ASSY,9 POSN,AMPLIMITE](#)



TE Part #206802-2  
[PLUG ASSY,37 POSN,AMPLIMITE](#)

Documents

Product Drawings

[PLUG ASSY,50 POSN,AMPLIMITE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_206804-2\\_W.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_206804-2\\_W.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_206804-2\\_W.3d\\_stp.zip](#)

English

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