

### **AMPLIMITE**

TE Internal #: 206804-2

Box Mount D-Sub Connectors, Plug, Cable-to-Cable, 50 Position, 5 Connector Shell Size, Pin, Size 20 Contact Size, .109 in [2.77 mm]

Centerline

View on TE.com >



Connectors > D-Shaped Connectors > D-Sub Connectors > Box Mount D-Sub Connectors



Connector & Housing Type: Plug
Connector System: Cable-to-Cable

Number of Positions: 50

Power/Signal/Coax Combination: No

Connector Shell Size: 5

## **Features**

## **Product Type Features**

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

## **Configuration Features**

Number of Positions	50
Power/Signal/Coax Combination	No

## **Body Features**

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

#### **Contact Features**

Contact Options Or	Order Separately
100	00 μin



Contact Mating Area Plating Material	Gold
Contact Base Material	Copper
Contact Type	Pin
Contact Size	Size 20
Contact Current Rating (Max)	7.5 A
Termination Features	
Termination Method to Wire & Cable	Crimp
Mechanical Attachment	
Mounting Hole Diameter	3.05 mm[.12 in]
Connector Mounting Type	Panel Mount
Mating Alignment	Without
Housing Features	
Centerline (Pitch)	2.77 mm[.109 in]
Usage Conditions	
Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operation/Application	
Circuit Application	Signal

## **Product Compliance**

Packaging Features

Packaging Method

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 2024 (240) Candidate List Declared Against: JUNE 2023 (235) 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

Package



### 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

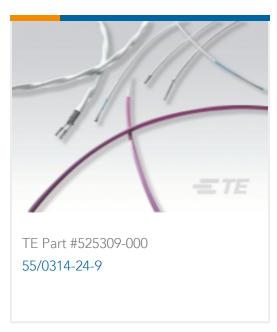






















## **Documents**

## **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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