

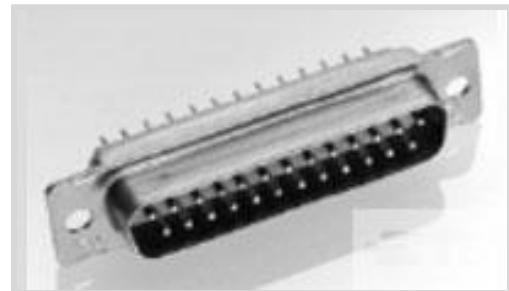
## AMPLIMITE

TE Internal #: 443975-5

Receptacle, Cable-to-Board, 50 Position, Shell Size 5, Socket,  
Contact Size Size 20, 2.77 mm [.109 in] Centerline, Box Mount D-Sub Connectors

[View on TE.com >](#)

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



Connector & Housing Type: **Receptacle**

Termination Post & Tail Diameter: **.76 mm [.03 in]**

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

Number of Positions: **50**

Power/Signal/Coax Combination: **No**

## Features

### 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

### Packaging Features

Packaging Method	Package
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### Mechanical Attachment

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

### Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Gold
	10 $\mu$ in
Contact Options	Installed
Contact Type	Socket

Contact Size	Size 20
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Contact Current Rating (Max)	5 A
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### Configuration Features

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

### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.95 mm [.156 in]
Termination Post & Tail Diameter	.76 mm [.03 in]

### 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

### 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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### Other

EU RoHS Compliance	Not Compliant
EU ELV Compliance	Not Compliant

### Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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EU ELV Directive 2000/53/EC	Not Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006
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Current ECHA Candidate List: JUNE 2024

(241)

Candidate List Declared Against: JUNE 2023 (235)

SVHC &gt; Threshold:

Cd (1.4% in Front and Rear shell plating)

**Article Safe Usage Statements:**

Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Yet Reviewed for halogen content

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**

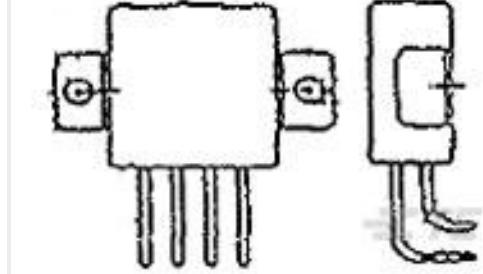
TE Part #352171-1  
Z-PACK/B F-HDR. 95P



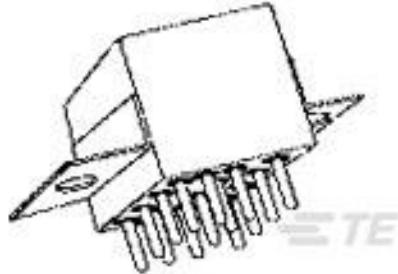
TE Part #205563-2  
RECEP ASSY,50 POSN,AMPLIMITE



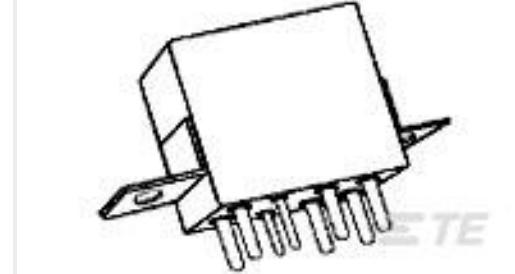
TE Part #1-1617122-5  
JMACD-26XP = M39016/15-081P



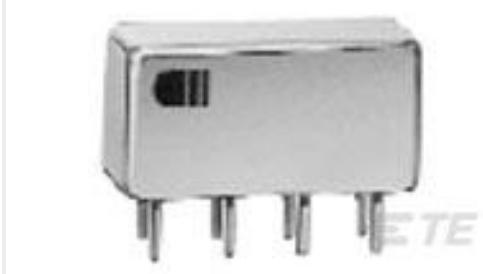
TE Part #1617749-3  
FCA-210-0927M=M83536/9-027M



TE Part #7-1617760-7  
FCB-405-0617M=M83536/6-017M



TE Part #2-1617758-7  
FCB-205-0119M=M83536/1-019M



TE Part #2-1617038-2  
HMB1201K01P = M39016/22-009P



TE Part #1-1423154-4  
2122DH122NDC890=RLY,MINI,OFF,2



## Documents

### Product Drawings

[AMPLIMITE,RCPT ASY,POSTD,109,5](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_443975-5\\_F.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_443975-5\\_F.3d\\_igs.zip](#)

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