



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 µin
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
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Number of Positions	50
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Power/Signal/Coax Combination	No
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Termination Features

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

Connector & Housing Type	Receptacle
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Connector System	Cable-to-Board
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Connector Shell Size	5
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Sealable	No
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Connector & Contact Terminates To	Printed Circuit Board
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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
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EU ELV Compliance	Not Compliant
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Product Compliance

[For compliance documentation, visit the product page on 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 > 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  
RECEPT ASSY,50 POSN,AMPLIMITE

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

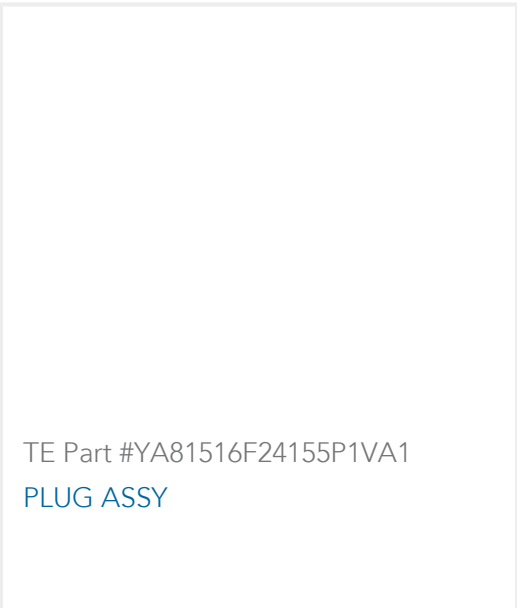
TE Part #1617749-3  
FCA-210-0927M=M83536/9-027M

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

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

English

Customer View Model

ENG\_CVM\_CVM\_443975-5\_F.3d\_stp.zip

English

3D PDF

English

Customer View Model

ENG\_CVM\_443975-5\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_443975-5\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_443975-5\_C.3d\_stp.zip

English

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