



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



Connector & Housing Type: **Receptacle**

Post Diameter: **.76 mm [.03 in]**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **37**

Features

Product Type Features

Product Type	Connector
Connector & Housing Type	Receptacle
Connector System	Cable-to-Board
D-Sub Shell Size	4
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Blindmate	No

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	37
Power/Signal/Coax Combination	No

Body Features

Box Mount D-Sub Connector Insert Arrangement	MS18276-1
Shell Plating Material	Zinc
Shell Material	Steel
Non-Magnetic	No

Contact Features

Contact Type	Socket
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Contact Mating Area Plating Material	Gold
Contact Base Material	Beryllium Copper, Brass
D-Sub Contact Size	20
Contact Current Rating (Max)	5 A

Termination Features

Termination Post Length	3.18 mm[.125 in]
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Mechanical Attachment

Mounting Hole Diameter	3.05 mm[.12 in]
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Housing Features

Centerline (Pitch)	2.77 mm[.109 in]
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Dimensions

Post Diameter	.76 mm[.03 in]
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Usage Conditions

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

ULTRA-LITE Connector	No
Circuit Application	Signal

Industry Standards

NASA Qualification	No
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Packaging Features

Packaging Method	Package
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Other

Comment	"Z" is stamped on connectors following M24308 part number as required. "Z" designates zinc shell plating.
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Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	



Current ECHA Candidate List: JUNE 2022 (224)
Candidate List Declared Against: JUNE 2022 (224)
SVHC > Threshold:
Pb (3.7% in Component Part)

Article Safe Usage Statements:
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	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>

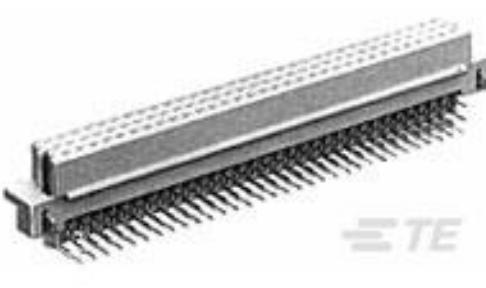
Customers Also Bought



TE Part #5646446-1
2MM HM,ASY,T-F,REC,TWIST TULIP



TE Part #5787394-5
50 50SR R/A RCPT ASSY, LD FREE



TE Part #5650461-5
ASSY,RECEPTACLE,EUROCARD,TYPE



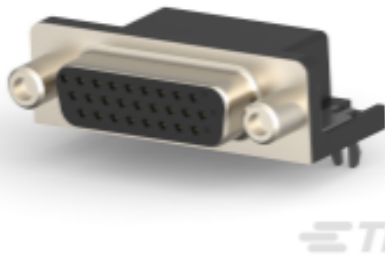
TE Part #770904-3
MINI UMNL SOK 22-18 AWG AU



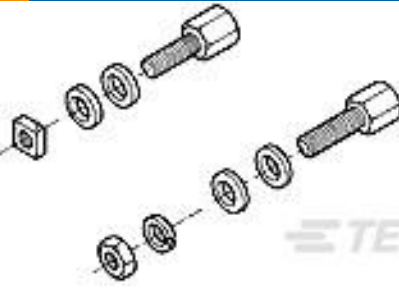
TE Part #1218434-3
R/A RCP ASSY 25 POS SER 109



TE Part #2-1676913-7
YR1 0.1% 1M0



TE Part #2311768-2
AMPL REC, HD22, R/A, 26P, S/L



TE Part #212447-2
SCREW RTNR KIT,AMPLIMITE



Documents

Product Drawings

AMPLIMITE,R/A RCPT ASY,109,ZN,4

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1757836-4_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1757836-4_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1757836-4_D.3d_stp.zip

English

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Agency Approvals

UL Report

English