



Connectors > D-Shaped Connectors



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

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Sealable                          | No                    |
| Connector & Housing Type          | Receptacle            |
| Connector System                  | Cable-to-Board        |
| Connector Shell Size              | 5                     |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

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

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   |

Contact Features

|                                      |           |
|--------------------------------------|-----------|
|                                      | 10 µin    |
| Contact Mating Area Plating Material | Gold (Au) |



|                                               |           |
|-----------------------------------------------|-----------|
| Contact Base Material                         | Brass     |
| PCB Contact Termination Area Plating Material | Gold      |
| Contact Size                                  | Size 20   |
| Contact Type                                  | Socket    |
| Contact Current Rating (Max)                  | 5 A       |
| Contact Options                               | Installed |

Termination Features

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

Mechanical Attachment

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

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 |
|---------------------|--------|

Packaging Features

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

Product Compliance

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

|                                               |                                                                                                                                                                                                                     |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EU RoHS Directive 2011/65/EU                  | Not Compliant                                                                                                                                                                                                       |
| EU ELV Directive 2000/53/EC                   | Not Compliant                                                                                                                                                                                                       |
| 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 2025 (250)<br>Candidate List Declared Against: JUNE 2023 (235)<br>SVHC > Threshold:<br>Cd (1.4% in Front and Rear shell plating)<br><small>Article Safe Usage Statements:</small> |



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>

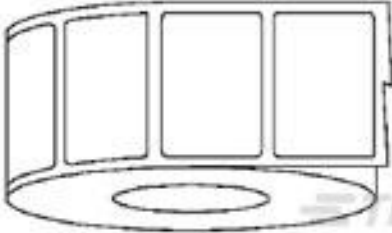
Customers Also Bought



TE Part #718759-000  
44AM1121-22-9/96-9CS2275



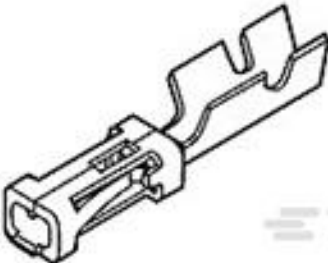
TE Part #F41698-000  
HW-508127-5-9



TE Part #A80073-000  
VF-762508-2.5-X



TE Part #K1013887  
Relay 26-05-61



TE Part #87309-8  
MOD V RECP PLTD SN



TE Part #120527-1  
1FHP,64,30A/P,S,N,S10,12,13,15



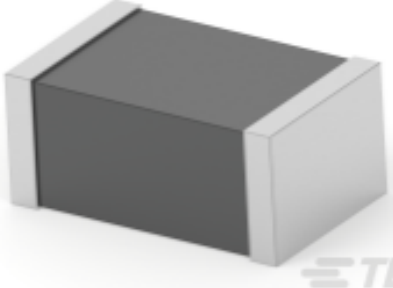
TE Part #443975-1  
AMPLIMITE,RCPT ASY,POSTD,109,1



TE Part #443975-3  
AMPLIMITE,RCPT ASY,POSTD,109,3



TE Part #1-1617164-9  
JMAPT-26XL = M28776/1-024L



TE Part #2176487-1  
BMC 0805 300R 25% A Med C

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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