



Connectors > D-Shaped Connectors > Microminiature & Nanominiature D Connectors



Connector & Housing Type: **Plug**  
Connector System: **Cable-to-Board**  
Number of Positions: **51**  
Mounting Hardware: **None**  
Centerline (Pitch): **1.27 mm [ .05 in ]**

Features

Product Type Features

|                                   |                |
|-----------------------------------|----------------|
| Connector & Housing Type          | Plug           |
| Connector System                  | Cable-to-Board |
| Connector & Contact Terminates To | Wire & Cable   |

Configuration Features

|                     |    |
|---------------------|----|
| Number of Positions | 51 |
|---------------------|----|

Contact Features

|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 3 A |
|------------------------------|-----|

Mechanical Attachment

|                   |      |
|-------------------|------|
| Mounting Hardware | None |
|-------------------|------|

Housing Features

|                    |                 |
|--------------------|-----------------|
| Centerline (Pitch) | 1.27 mm[.05 in] |
|--------------------|-----------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 125 °C[-67 – 257 °F] |
|-----------------------------|----------------------------|

Operation/Application

|                     |        |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Product Compliance

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

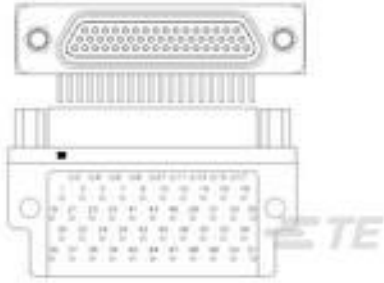


|                                               |                                                                                                                                         |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| 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 2021 (211)<br>Candidate List Declared Against: JAN 2019 (197)<br>SVHC > Threshold:<br>Not Yet Reviewed |
| Halogen Content                               | Not Yet Reviewed for halogen content                                                                                                    |
| 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>

Compatible Parts

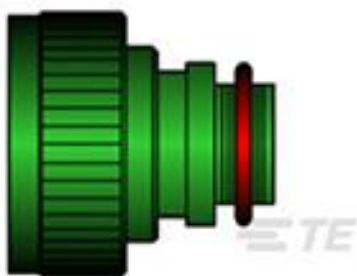


TE Part # 1532264-4  
M83513/14-G01NP = MCKS-N1-P-51SRT1

Customers Also Bought



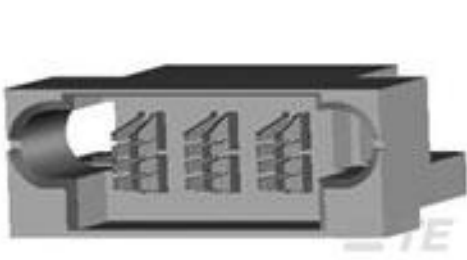
TE Part #4-1617119-8  
J1MSPD-12XM = M39016/25-027M



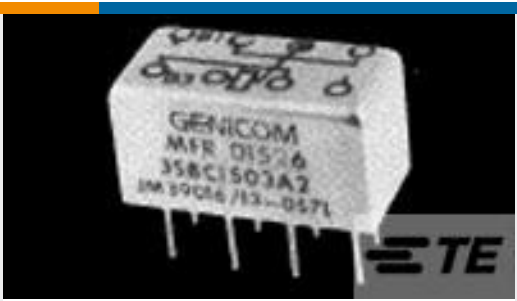
TE Part #351833-000  
TXR18AB00-2210AI



TE Part #422643-000  
TXR18AB00-2812AI



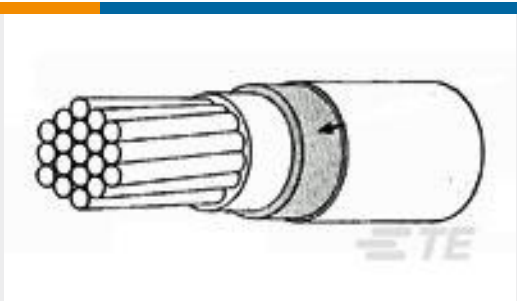
TE Part #6450323-1  
MBXL R/A HDR 3ACP+0P



TE Part #2-1617515-3  
3SBC1721A2=M39016/38-021M



TE Part #306040-001  
44AM1121-20-0/2-9



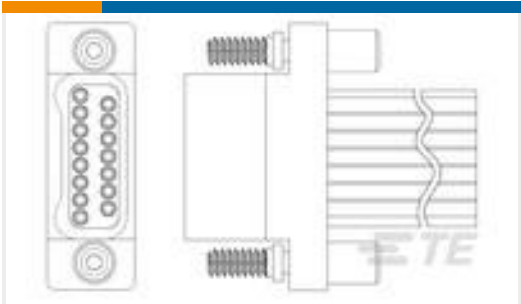
TE Part #338435-000  
55FA0511-16-7L



TE Part #ZPF000000000099828  
901-21 RT 2-37-0 SN



TE Part #359539-000  
D-108-10CS948



TE Part #4-1589946-9  
STM025PC0DM012Q = Wdualobe

Documents

Product Drawings

M83513/03-G02N, MCKS-N1-B-51P6G1-36.0

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1532185-2\_C.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1532185-2\_C.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1532185-2\_C.3d\_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

Products for Aerospace and Defense

English