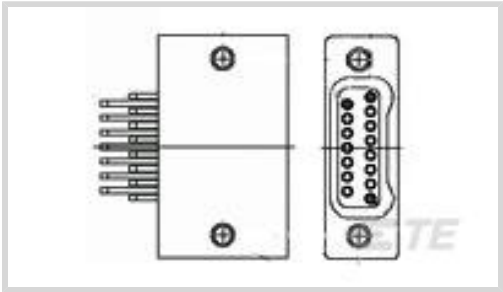




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Receptacle**

PCB Mount Orientation: **Horizontal**

Connector System: **Wire-to-Board**

Number of Positions: **25**

Centerline (Pitch): **.64 mm [.025 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	25
Number of Rows	2

Contact Features

Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Base Material	Beryllium Copper
Contact Mating Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	1.27 – 2.28 µm[50 – 90 µin]
Contact Type	Socket

Termination Features

Rectangular Termination Post & Tail Thickness	.19 mm[.008 in]
Rectangular Termination Post & Tail Width	.23 mm[.009 in]



Termination Method to Printed Circuit Board	Surface Mount
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Mechanical Attachment

Surface Mount Extended Leads	Without
Mounting/Mating Hardware	With
Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
Hardware Type	1.2mm X .16" Mounting Screw
Panel Mount Feature	Without
Mating Retention Type	Jackscrew
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	.64 mm[.025 in]
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)

Dimensions

Connector Length	12.92 mm[.509 in]
Screw & Hole Diameter	1 mm[.039 in]
Connector Height	3.2 mm[.126 in]
Row-to-Row Spacing	1.02 mm[.04 in]

Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	5
Packaging Method	Package

Product Compliance

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

EU RoHS Directive 2011/65/EU	Not Compliant
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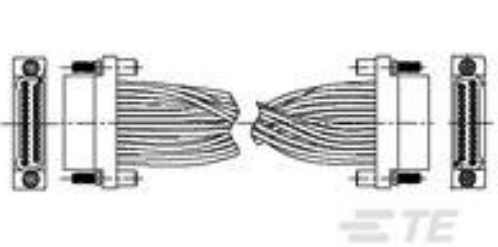
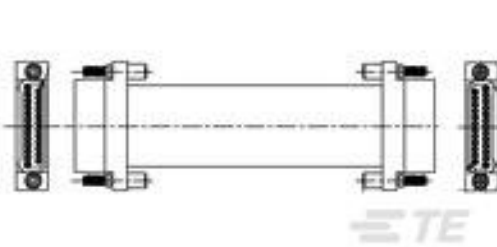
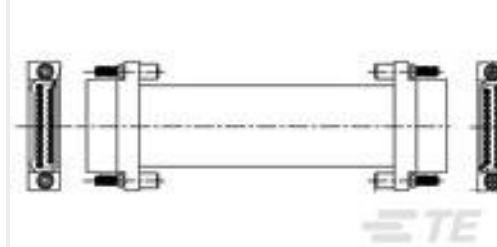
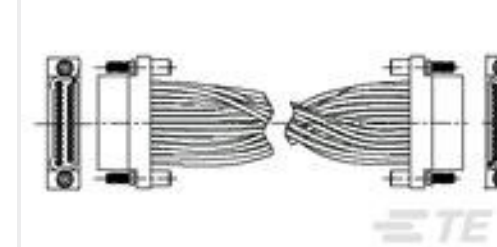
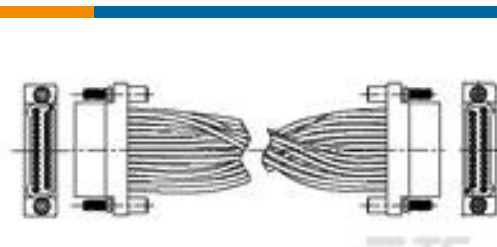
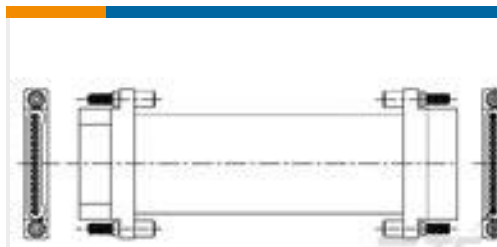
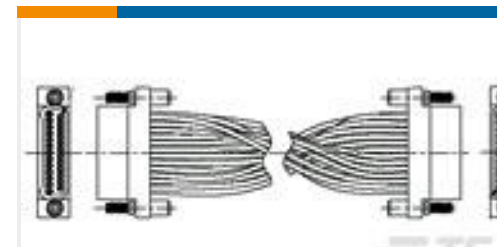


EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2020 (205) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not lead free process capable

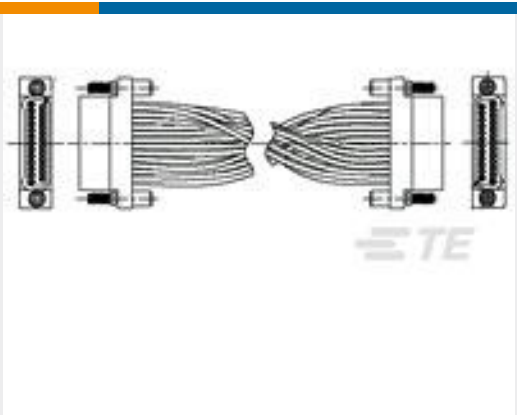
Product Compliance Disclaimer

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>

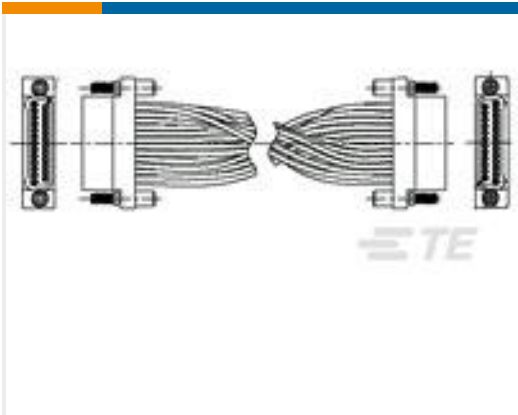
Compatible Parts

 TE Part # 4-1589737-3 JTL025PP2DC001M = WDUALOBE	 TE Part # 5-1589699-9 JTL025PD2DC010N = WDUALOBE	 TE Part # 5-1589699-7 JTL025PD2DC1.25N = WDUALOBE	 TE Part # 4-1589737-2 JTL025PP2DC001N = WDUALOBE
 TE Part # 9-1589672-8 JTL025PP2DC036N = WDUALOBE	 TE Part # 1589737-5 JTL025PP2DCC05N = WDUALOBE	 TE Part # 9-1589672-9 JTL025PP2DCC07N = WDUALOBE	 TE Part # 1589673-1 JTL025PP2DX002N = WDUALOBE

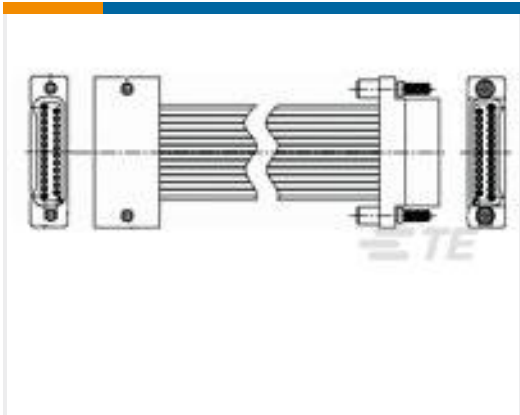




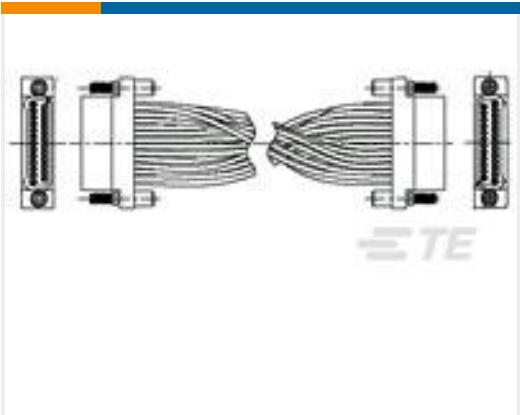
TE Part # 1589673-2
JTL025PP2DX003N = WDUALOBE



TE Part # 1589673-3
JTL025PP2DX010N = WDUALOBE



TE Part # 1-1589738-4
JTL025PR0DC007N = WDUALOBE

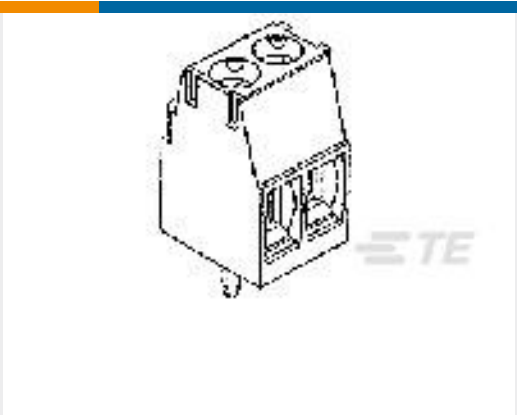


TE Part # 1589673-4
JTL025PR2DCM31N = WDUALOBE



TE Part # 1589666-5
302-0009-02 = CLEADFRAME

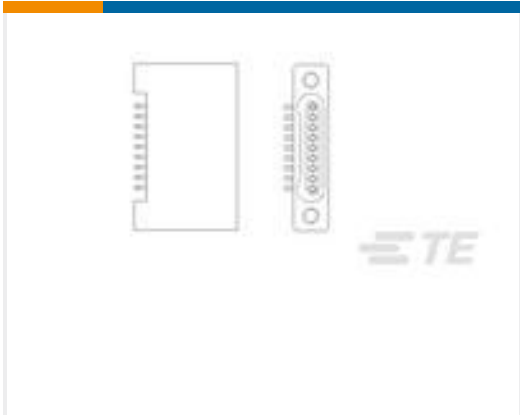
Customers Also Bought



TE Part #284391-7
TERMI-BLOK PCB SIDE ENTRY STAC



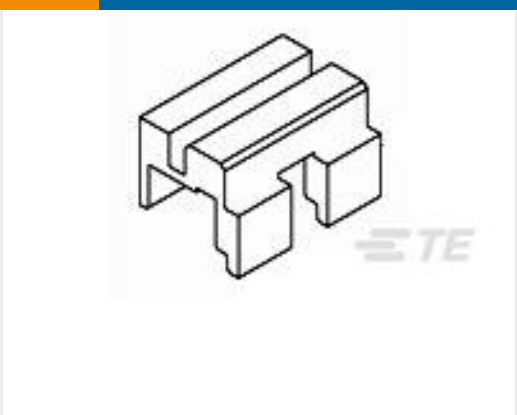
TE Part #2-1625890-2
2W SM M/OX 5% 1K3



TE Part #1589467-8
SSM005L82AQ = SMT Conn



TE Part #1-1969694-4
POWER TRIPLE LOCK HIGH TEMP
HEADER



TE Part #224668-3
HM 2MM Z PK SEATING TL ASSY



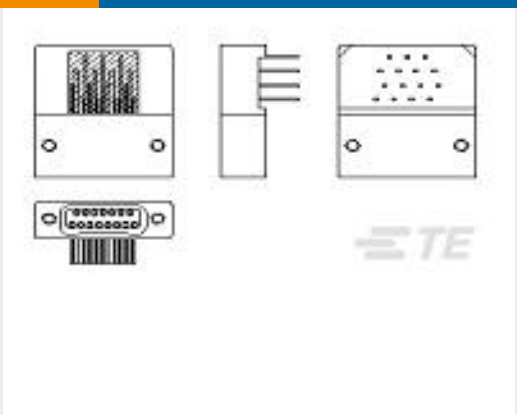
TE Part #91327-1
SEAT TL 2MM HM,UP SHLD,TYPE F



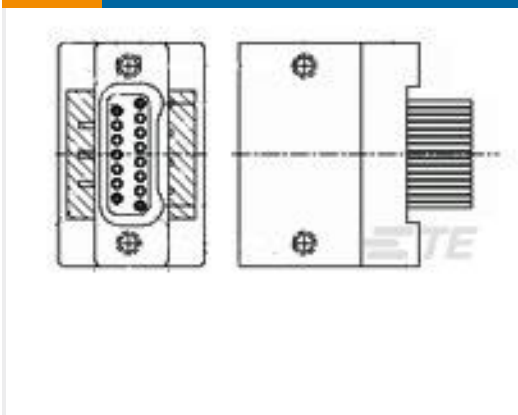
TE Part #104346-4
06 MODII HDR SRST B/A W/HD



TE Part #1589333-2
335-0002-02 = HARDWARE



TE Part #1-1589809-1
STM025W6AN = Thru-Hole



TE Part #4-1589488-1
STM051M5DQ = THRU-HOLE

Documents



Product Drawings

STL025L2AN = SMT CONN

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1589483-5_U.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1589483-5_U.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1589483-5_U.3d_stp.zip

English

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

Datasheets & Catalog Pages

1589483 Nanonics Cross Reference

English