1892302-1 ✔ ACTIVE

MULTI-BEAM

TE Internal #: 1892302-1

Rectangular Power Connectors, Header, Plug, Board-to-Board, 23 Position, 2.54 mm / 15.24 mm / 9.52 mm [.375 in / .1 in / .6 in] Centerline

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors







Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **23**

Centerline (Pitch): **2.54 mm, 5.08 mm, 9.52 mm, 15.24 mm [.1 in, .2 in, .375 in, .6 in]**

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Board-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	23
PCB Mount Orientation	Right Angle
Number of Power Positions	11
Number of Signal Positions	12
Number of Rows	4

Electrical Characteristics

Operating Voltage	60 VDC

Contact Features

Contact Mating Area Plating Material	Gold Flash over Palladium Nickel
Contact Underplating Material	Nickel
Contact Current Rating (Max)	42 A
Contact Retention Within Housing	Without
Contact Type	Blade, Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2.54 mm, 5.08 mm, 9.52 mm, 15.24 mm[.1 in][.2 in][.375 in][.6 in]
Housing Color	Black
Housing Material	High Temperature Thermoplastic

Dimensions

Row-to-Row Spacing	.1 mm[.003 in]

Usage Conditions

Operating Temperature Range	-20 – 105 °C[-4 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	High Temperature Part - Not Glow Wire

Packaging Features

Packaging Method	Tray

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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

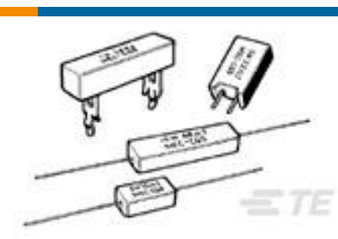
Product Compliance Disclaimer

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 #175289-2
DYNAMIC D-3 TAB CONT. L AU 0.38 L /P



TE Part #1623793-9
SQP5 330R 5% MTL FLM



TE Part #1-1393258-7
V23047-A1024-A511

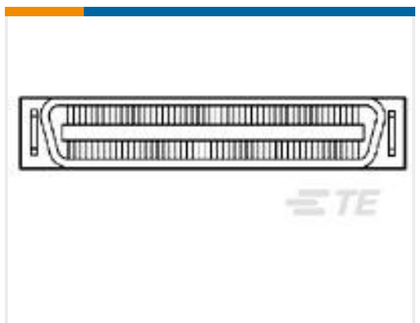


TE Part #282830-3
TERMI-BLOK PLUG 90&180 3P. 5

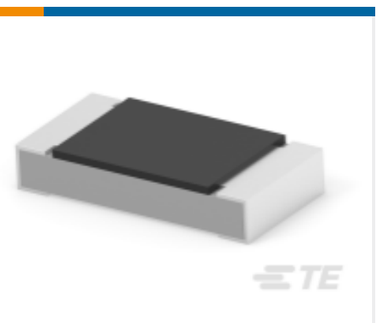


TE Part #1393143-9
27E126=SOCKET,R10,16,SLG,PHE

TE Part #NB13132001
RNF-100-1-CL-STK



TE Part #1-1734100-9
Champ050 series,50pos,Au over PdNi



TE Part #9-2176579-3
RLC73K 2B R511 1% 1K RL



TE Part #6-2176365-5
RQ 0603 187R 0.1% 10PPM 1K RL



TE Part #C4-0024-000-000
REMOVING TOOL FOR 923 INSULATION INSERTS

Documents

Product Drawings

MBXL R/A HDR DB 11P+12S

English

CAD Files

Customer View Model

ENG_CVM_CVM_1892302-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1892302-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1892302-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

2_PIECE_POWER_CONNECTORS_qrg_4-1773458-1

English

Product Specifications

Application Specification

English