

MICRO TCA

TE Internal #: 1469920-2
Connector Assembly, Plug, Cable-to-Board, 96 Position, 2 mm / 3 mm [.078 in / .118 in] Centerline, Printed Circuit Board, Rectangular Power Connectors

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**
Connector & Housing Type: **Plug**
Connector System: **Cable-to-Board**
Number of Positions: **96**
Centerline (Pitch): **2 mm, 3 mm [.078 in, .118 in]**

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Cable-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Mating & Unmating Configuration	Normal
Number of Positions	96
PCB Mount Orientation	Vertical
Number of Rows	2, 8

Body Features

Wire Color (Base)	Black
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Contact Features

Contact Mating Area Plating Material	Gold
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	14.5 A
Contact Retention Within Housing	Without
Contact Type	Pin, Receptacle
PCB Contact Termination Area Plating Material	Tin



Contact Mating Area Plating Material Thickness	1.27 µm[50 µin]
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Termination Features

Termination Method to PCB	Through Hole - Press-Fit
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	2 mm, 3 mm [.078 in][.118 in]
Housing Color	Natural
Housing Material	Polyester GF

Dimensions

Row-to-Row Spacing	11.5 mm, 2 mm [.078 in][.452 in]
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Usage Conditions

Operating Temperature Range	-10 – 70 °C[-14 – 158 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Tube
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



Solder Process Capability

Not applicable for solder process capability

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 # 1469920-3
Housing Assy, Micro Power Backplane

Customers Also Bought

TE Part #557721-000
TMS-RJS-RIBBON-4RPSCE

TE Part #102387-4
20 MODIV HSG COMP DR .100 POL

TE Part #3-520107-2
ULTRA-FAST 250 ASY TAB 16-14 AWG TPBR

TE Part #3-350820-2
ULTRAFast 250 ASSY REC 16-14 TPBR LP

TE Part #7-1879213-3
CPF 0402 165R 0.1% 25PPM 1K RL

TE Part #2-1761679-1
IDC LOW PRO HDR 6P VERT BLUE

TE Part #11032035-00
DT1-028K W/TH LEADS/RIVET

TE Part #917353-000
SGRP-2



Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1469920-2_8.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1469920-2_8.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1469920-2_8.3d_stp.zip

English

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

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC01_BOARD_TO_BOARD

English

Solutions for AdvancedTCA, AdvancedTCA 300, MicroTCA, and AdvancedMC Standards Datasheet 3-1773445-8

English

Product Specifications

Application Specification

English