



MICRO TCA

TE Internal #: 1469920-2

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

[View on TE.com >](#)

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 μ m[50 μ in]

Termination Features



Termination Method to Printed Circuit Board	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]
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Housing Color	Natural
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Housing Material	Polyester GF
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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
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Glow Wire Rating	Standard Part - Not Glow Wire
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) Does not contain REACH SVHC
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not applicable for solder process capability
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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 #2-1761679-1
IDC LOW PRO HDR 6P VERT BLUE

TE Part #1-2186545-1
WINTOTAL-7-DONGLE

TE Part #11029999-00
PIEZO FILM SENSORS WITH LEAD

TE Part #6609051-2
10VG1=F7413 S0

TE Part #F55931-000
1966-RIBBON



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