

1892714-2 ✓ ACTIVE



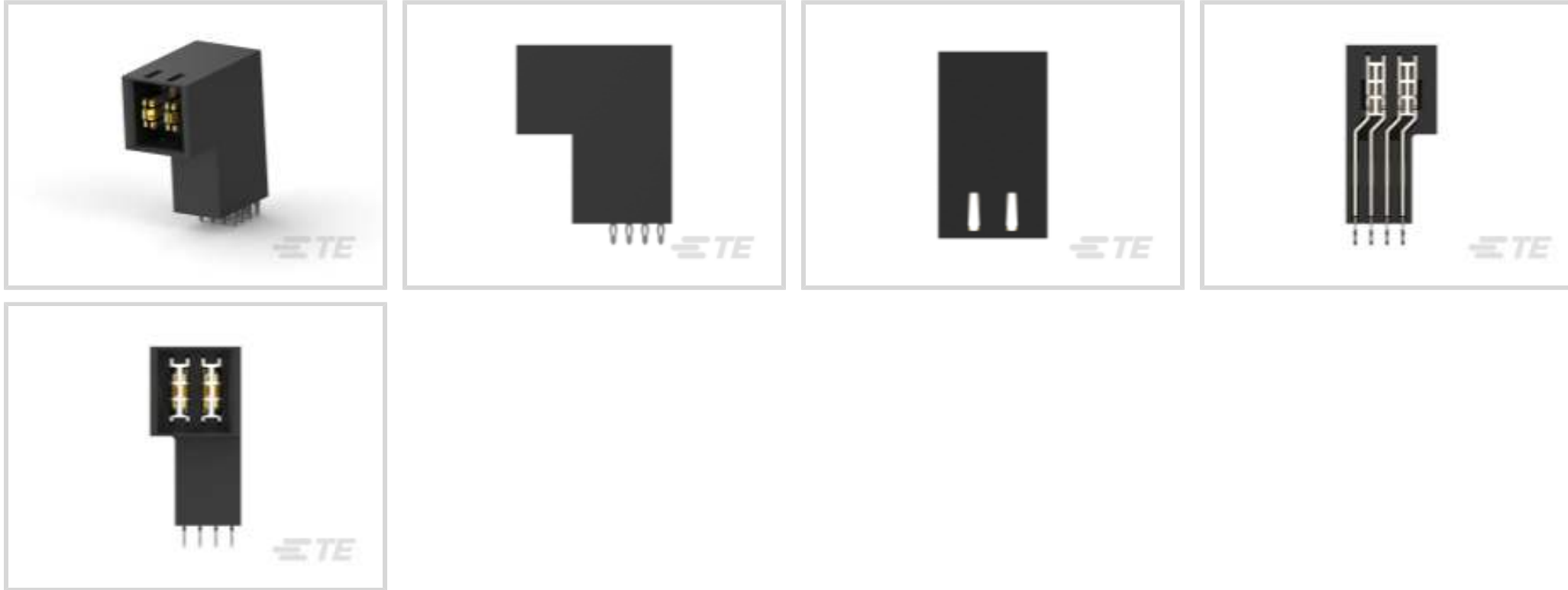
MULTI-BEAM

TE Internal #: 1892714-2

Rectangular Power Connectors, Header, Plug, Board-to-Board, 2 Position, 5.08 mm [.2 in] Centerline, Printed Circuit Board, UL 94V-0

[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: **2**

Centerline (Pitch): **5.08 mm [.2 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	2
PCB Mount Orientation	Right Angle
Number of Power Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	60 VDC
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Contact Features

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Power Contact Base Material	Tin
Contact Underplating Material Thickness	4.19 μ m
Contact Mating Area Plating Material	Gold
Contact Current Rating (Max)	42 A
Contact Retention Within Housing	Without
Contact Type	Blade
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	.76 μ m[30 μ in]

Termination Features

Termination Post & Tail Length	4.19 mm[.165 in]
Termination Method to Printed Circuit Board	Through Hole - Press-Fit

Mechanical Attachment

PCB Mount Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
Housing Color	Black
Housing Material	High Temperature Thermoplastic

Usage Conditions

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

Circuit Application	Power
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Industry Standards

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

Packaging Features

Packaging Method	Package
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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 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	Not reviewed 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 # 1-6450869-3
MBXLE VERT RCPT 2P

Customers Also Bought



TE Part #1-776163-5
35POS,AMPSEAL,PIN HSG ASSY,SLD, COD 5



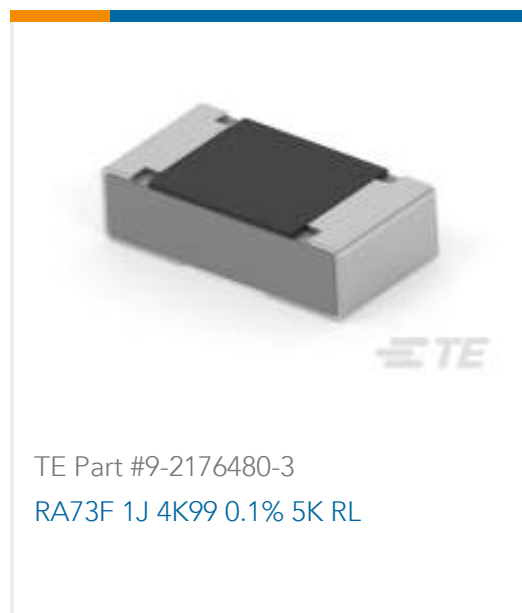
TE Part #1-1241150-0
10P MOD II BREAK AWAY HDR,SMD, BLISTER



TE Part #5535098-5
ASSEMBLY,RECEPTACLE,EUROCARD, T



TE Part #8-1879336-3
CPF 0603 1K65 1% 50PPM 1K RL



Documents

Product Drawings

MBXL R/A HDR 2P

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1892714-2_B.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1892714-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1892714-2_B.3d_stp.zip](#)

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

TE Material Declaration

English