

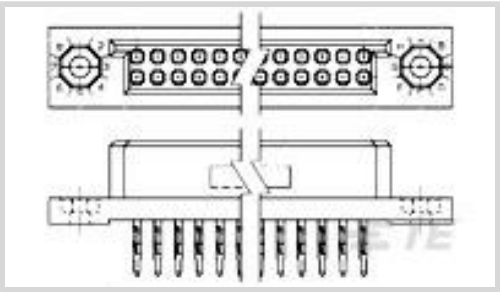


AMP

TE Internal #: 5-533289-5
PCB Mount Receptacle, Vertical, Board-to-Board, 60 Position, 2.54 mm [.1 in] Centerline, Gold (Au), Through Hole - Solder, Signal, Brown, Tube

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Receptacle**
Connector System: **Board-to-Board**
Number of Positions: **60**
Number of Rows: **2**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

Number of Columns	30
Number of Loaded Positions	60
Stackable	No
Number of Positions	60
Number of Rows	2
PCB Mount Orientation	Vertical
Board-to-Board Configuration	Perpendicular

Body Features

Primary Product Color	Brown
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Contact Features

Mating Square Post Dimension	.64 mm[.025 in]
Contact Shape & Form	Four Beam



Contact Layout	Matrix
Contact Base Material	Beryllium Copper
PCB Contact Termination Area Plating Material	Tin-Lead
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Socket
Contact Current Rating (Max)	3 A

Termination Features

Rectangular Termination Post & Tail Width	.51 mm[.02 in]
Rectangular Termination Post & Tail Thickness	.25 mm[.01 in]
Termination Post & Tail Length	3.78 mm[.149 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type	Mounting Hole
Mating Alignment Type	Polarization
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Dimensions

	.385 in
Connector Height	10.16 mm[.4 in]
Row-to-Row Spacing	2.54 mm[.1 in]
Stack Height	15.24 mm[.6 in]
PCB Thickness (Recommended)	2.36 mm[.093 in]

Usage Conditions

Housing Temperature Rating	High
Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]

Operation/Application

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Assembly Process Feature	None
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	6
Packaging Method	Tube

Product Compliance

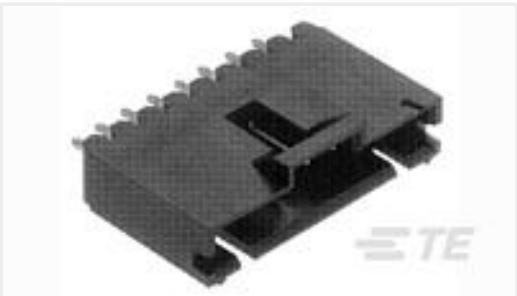
For compliance documentation, visit the product page on TE.com>

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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 #103735-6
07 MTE HDR SRST LATCH .100CL



TE Part #178327-3
DYNAMIC D/ROW HDR 16P V ASSY



TE Part #207365-8
METRIMATE PIN HDR ASY,3P LF



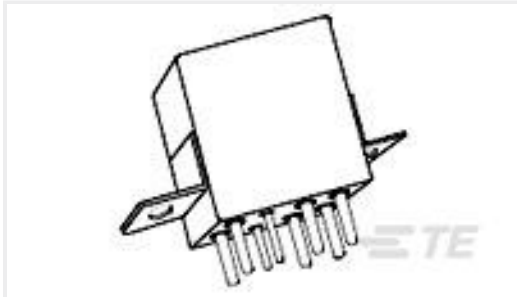
TE Part #208488-1
CMC PLUG ASSEMBLY,SZ 22



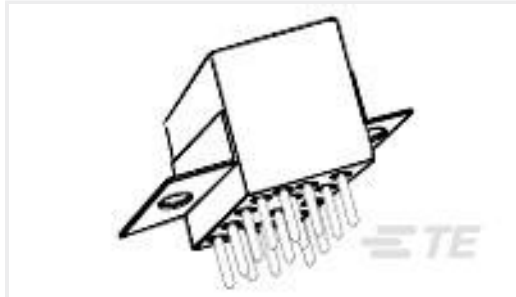
TE Part #1-641215-0
10P MTA100 HDR ASSY FL/ST 30AU



TE Part #1-747871-4
09 PLUG SP/FMS SCRLK



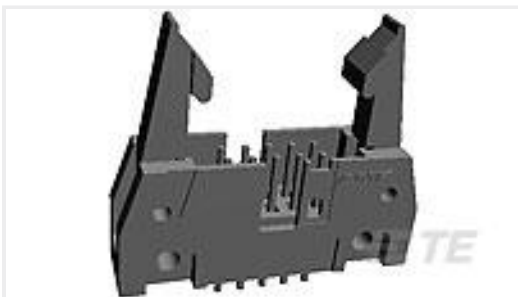
TE Part #9-1617748-2
FCA-210-0919M=M83536/9-019M



TE Part #1617754
FCA-410-1517M=M83536/15-017M



TE Part #2-1617799-5
FCAC-325-BZ4=RELAY



TE Part #5499910-2
A/L UNIV HDR 14P VERT SHT LAT

Documents

Product Drawings

BOX II 2 ROW RECP ASSY 60 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-533289-5_Y.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-533289-5_Y.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-533289-5_Y.3d_stp.zip

English

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

Product Specifications

5-533289-5

PCB Mount Receptacle, Vertical, Board-to-Board, 60 Position, 2.54 mm [.1 in]
Centerline, Gold (Au), Through Hole - Solder, Signal, Brown, Tube



Product Specification

English