



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Board-to-Board**
Number of Positions: **200**
Centerline (Pitch): **.8 mm [.031 in]**

Features

Product Type Features

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

Configuration Features

Stackable	No
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	200
Board-to-Board Configuration	Parallel

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	675 VAC
Insulation Resistance	2 MΩ
Impedance	100 Ω



Operating Voltage125 VAC

Body Features

Primary Product ColorBlack

Contact Features

PCB Contact Termination Area Plating Material Thickness.25 µm[9.8425 µin]

Mating Tab Width.38 mm[.015 in]

Mating Tab Thickness.2 mm[.008 in]

Contact Shape & FormSingle Beam, Square

PCB Contact Termination Area Plating MaterialGold

Contact Base MaterialPhosphor Bronze

Contact Mating Area Plating MaterialGold

Contact Mating Area Plating Material Thickness.25 µm[9.8425 µin]

Contact TypePin

Contact Current Rating (Max)1.25 A, 9.5 A

Termination Features

Rectangular Termination Post & Tail Thickness.2 mm[.008 in]

Rectangular Termination Post & Tail Width.94 mm[.037 in]

Termination Method to PCBSurface Mount

Mechanical Attachment

PCB Mount Alignment TypeLocating Posts

Mating RetentionWith

Mating AlignmentWithout

PCB Mount RetentionWith

PCB Mount AlignmentWith

Connector Mounting TypeBoard Mount

Housing Features

Centerline (Pitch).8 mm[.031 in]

Housing MaterialLCP (Liquid Crystal Polymer)

Dimensions

Connector Height29.24 mm[1.149 in]

Stack Height30 mm[1.181 in]

PCB Thickness (Recommended).06 mm[.25 in]



Usage Conditions

Operating Temperature Range	-65 – 125 °C[-85 – 257 °F]
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Operation/Application

Assembly Process Feature	None
Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	16
Packaging Method	Box, 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 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	Reflow solder capable to 260°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>

Compatible Parts



TE Part # 1658012-5
MSB0.80RC-ASY200FL,-,10,-TY



TE Part # 1658043-5
MSB0.80RC-ASY200FL,-,F,-TY



TE Part # 1658462-5
MSB0.80RC-ASY200FL,-,30,-TY



TE Part # 2-1658012-5
MSB0.80RC-ASY200FL,-,10,-TY

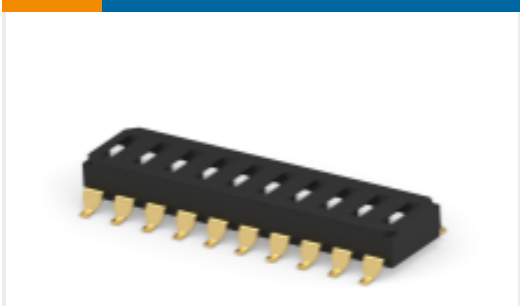


TE Part # 2-1658043-5
MSB0.80RC-ASY200FL,-,F,-TY



TE Part # 2-1658462-5
MSB0.80RC-ASY200FL,-,30,-TY

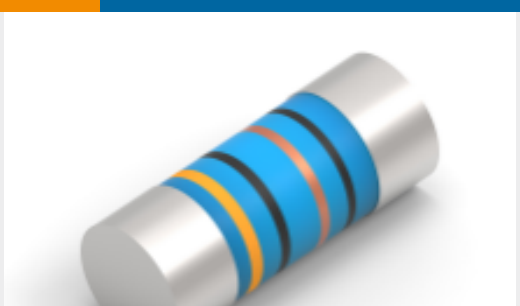
Customers Also Bought



TE Part #3-2319848-1
END STACK DIP 10P G RECESS SEAL TUBE



TE Part #4-2176391-7
RQ 1206 37K4 0.1% 10PPM 5K RL



TE Part #2176314-4
MELF SMA_A 180R 0.1% 15PPM 0102 0.3W



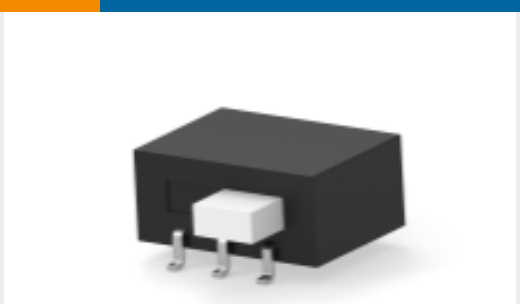
TE Part #1-928836-2
MOD2 PIN WITH A-PIN L/P



TE Part #7-2176246-6
CRGS2512 5% 1M8



TE Part #3-1415020-1
PT570N20



TE Part #1-1437581-1
ASE22RL=AUTOSLIDE DP

Documents

Product Drawings

MSB0.80PL30ASY200FL,-,10,-TY

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1658020-5_N.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_1658020-5_N.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1658020-5_N.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[MICTOR SB Interconnection System](#)

English

[MICTOR SB CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English