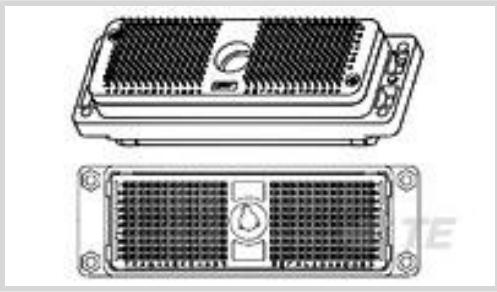




TE Internal #: 5353177-1
PCB Mount Receptacle, Vertical, Wire-to-Board, 156 Position, .1 in Centerline, Fully Shrouded, Gold (Au), Through Hole - Solder, Power & Signal, Black
[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



Centerline (Pitch): [.1 in]
Connector & Contact Terminates To: **Printed Circuit Board**
Contact Current Rating (Max): **.8 A**
Number of Positions: **156**
Connector System: **Wire-to-Board**

Features

Product Type Features

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

Configuration Features

Number of Positions	156
Number of Rows	10
PCB Mount Orientation	Vertical
Number of Power Positions	0
Number of Signal Positions	156

Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Connector & Keying Code	Y
Primary Product Color	Black

Contact Features

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Contact Underplating Material	Nickel
Contact Layout	Matrix
Contact Current Rating (Max)	.8 A
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Tab
PCB Contact Termination Area Plating Material	Gold

Termination Features

Termination Method to PCB	Through Hole - Solder
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Mechanical Attachment

Mating Retention Type	Locking Latch
Panel Mount Feature Type	Mounting Hole
PCB Mount Retention Type	Mounting Hole
Mating Alignment Type	Guide Hole
PCB Mount Alignment Type	Standard Polarized Tail
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With

Housing Features

	.1 in
Housing Material	Nylon Resin

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-55 – 85 °C[-67 – 185 °F]
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Operation/Application

Shielded	No
Circuit Application	Power & Signal

Industry Standards

Compatible With Agency/Standards Products	UL
UL Rating	Recognized



Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	5
Packaging Method	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 2025 (250) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°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 #5052942064
RNF-100-3/32-0-STK



TE Part #3-1462039-0
IM23TS=IM RELAY 50mW 5V



TE Part #6-1622796-1
YR1 0.1% 150K



TE Part #3580590017
TRSA-1019/C/1/A



TE Part #3580590008
TRSA-1019/C/1/2



TE Part #EL66840001
TRSA-1019/E/1/B



TE Part #3580590006
TRSA-1019/C/1/1

Documents

Product Drawings

M-ZIF 156P S/SOLDER REC ASSY

Japanese

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5353177-1_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5353177-1_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5353177-1_D.3d_stp.zip

English

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

Product Specifications

Product Specification

English

M-ZIF Connector

English

M-ZIF Connector

Japanese

Product Specification

Japanese

5353177-1

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