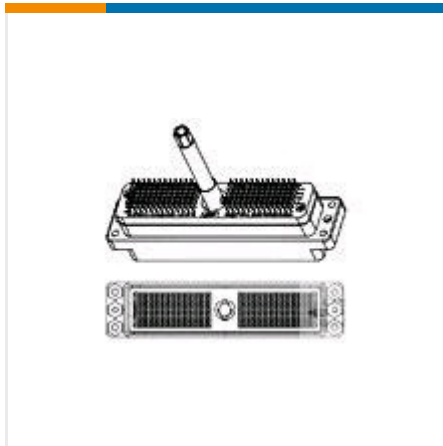




**CONNECTORS**

**STANDARD RECTANGULAR CONNECTORS**



✓ Active

TE CONNECTIVITY (TE)

## M-ZIF156P SHORT/SOLDER. PLUG ASSY

M-ZIF

5353173-2

TE Internal Number: 5353173-2

[EU RoHS Compliant](#)

[EU ELV Compliant](#)

**Product Type** Connector

**Connector Style** Plug

**Mating Alignment** With

**Mating Alignment Type** Guide Hole

**Mating Retention** With

[↓ PRODUCT DRAWING](#)  
Japanese

### DOCUMENTATION

Product Drawings

#### **PLUG ASSEMBLY M-ZIF 156P SHORT TYPE**

PDF

**Japanese**

### FEATURES

Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

**Shrouded** No  
**Product Type** Connector  
**Connector Style** Plug  
**PCB Mounting Orientation** Vertical  
**Connector System** Wire-to-Board  
**Shielded** No  
**Insertion Force** Zero  
**Row-to-Row Spacing** 2.54 mm [.1 in]  
**Connector & Contact Terminates To** Wire & Cable  
**Boxmount** No  
**Grade** Commercial  
**Prewired** No  
**Glow Wire Rating** Standard Part - Not Glow Wire  
**Shape** Rectangular  
**Post Type** Solder Post  
**Connector Type** Header  
**Strain Relief** Without  
**Product Style** Assembly

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#### Configuration Features

**Selectively Loaded** No  
**Connector Configuration** Square Grid  
**Number of Positions** 156  
**Number of Rows** 10  
**Panel Gasket** Without  
**Number of Power Positions** 0  
**Coaxial Socket** Without  
**Keying** Y  
**Number of Signal Positions** 156  
**Preloaded** Yes  
**Number of Boardlocks** 4

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#### Electrical Characteristics

**Operating Voltage (VAC)** 250  
**Operating Voltage (VDC)** 250  
**UL Voltage Rating (VDC)** 600  
**AWG > 0** No  
**UL Voltage Rating (VAC)** 250

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#### Body Features

**Material** Glass-Reinforced Nylon  
**Floating Bushings** Without  
**Guide Pin** Without  
**Color** Black  
**Rear Grommet** Without

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#### Contact Features

**Contact Configuration** Posted  
**Contact Plating Material** Gold Over Nickel  
**Contact Current Rating (Max) (A)** .8  
**Contact Layout** Matrix  
**Signal Contact Material** Copper Alloy  
**Multiple Contact Types** Without  
**Contact Style** Vertical  
**Shunts/Shorting Bars** Without  
**Contact Type** Tab  
**Contact Transmits (Typical)** Signal

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#### Termination Features

**Termination Method to PC Board** Through Hole - Solder  
**Termination Method to Wire/Cable** Solder  
**Connection Type** Connector Assembly  
**Termination Post Length** 7.2 mm [ .283 in ]

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#### Mechanical Attachment

**PCB Mount Alignment** Without  
**PCB Mount Alignment Type** Standard Polarized Tail  
**Mounting Hardware** Without  
**Mating Alignment** With  
**Mating Alignment Type** Guide Hole  
**Mating Retention** With  
**Mating Retention Type** Locking Latch  
**PCB Mount Retention** With  
**PCB Mount Retention Type** Mounting Holes  
**Mounting Holes** With  
**Lock Type** Positive Lock  
**Mounting Hole Thread Size** M3  
**Lock Lever Material** Stainless Steel  
**Mating Hardware** Quick Disconnect  
**Mounting Hole Diameter** 1.1 mm [ .0433 in ]  
**Mounting Angle** Vertical  
**Flange** With  
**Fastener Type** Slotted Hex

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#### Housing Features

**Centerline (Pitch) (in)** .1  
**Housing Material** Nylon Resin  
**Housing Color** Black

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#### Dimensions

**PCB Thickness (Recommended)** 1.6 mm [ .063 in ]

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#### Usage Conditions

**Operating Temperature Range** -55 – 85 °C [ -67 – 185 °F ]  
**High Temperature Header** No

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#### Operation/Application

**Halogen Free** Yes  
**For Use With** Standard Connectors  
**Assembly Integration Feature** Without

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## Identification Marking

**Marked** No

**Circuit Identification Feature** With

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## Industry Standards

**UL Flammability Rating** UL 94V-0

**VDE Tested** No

**UL Rating** Recognized

**UL File Number** E28476

**Agency/Standard** UL

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## Packaging Features

**Packaging Method** Carton

**Packaging Quantity** 5

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## PRODUCT COMPLIANCE



Statement of Compliance

**Statement of Compliance**

PDF

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