



1488991-1 Product Details

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Multiple Contact Point (MCP) & MCON Contact Systems

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- MCON Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Connector
- Connector Assembly

[View all Features](#)

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TE Internal Number: 1488991-1

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Documentation & Additional Information

Product Drawings:

- [INTERFACE DRAWING 3 POSITION SEALED, 1.2mm STANDARD ...](#) (PDF, English)
- [CONNECTOR ASSEMBLY, FEMALE, 3 POSITION, SEALED, 1.2m...](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- [1.2mm Sealed MCON Plug Connectors](#) (PDF, English)
- [Positioning Terminal Position Assurance \(TPA\) Second...](#) (PDF, English)

CAD Files: (CAD Format & Compression Information)

- [2D Drawing](#) (DXF, Version D)
- [3D Model](#) (IGES, Version D)
- [3D Model](#) (STEP, Version D)

Related Products:

- [Tooling](#)

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Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Product Line = MCON
- Product Type = Connector
- Connector Type = Connector Assembly
- [Wire/Cable Type](#) = FLR (Thin Walled Cable)
- Key Type = Standard
- Sealed = Yes

Mechanical Attachment:

- Contact Retention = With
- Contact Retention Type = Terminal Position Assurance (TPA)
- Mating Retention Type = Latching
- Panel Mount Retention = Without

Termination Features:

- Termination Method to Wire/Cable = Crimp
- Seal Type = Peripheral

Dimensions:

- Mating Area Interface Dimensions (mm [in]) = 1.20 [.047]

Body Features:

- Cable Exit Angle = 180°
- Mating Retention = With
- Wire Type = Stranded

Configuration Features:

- Number of Positions = 3
- Number of Rows = 1
- Strain Relief = Without

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Identification Marking:

- Keying = A

Environmental:

- Operating Temperature (°C [°F]) = 125 [257]

Conditions for Usage:

- Applies To = Wire/Cable

Operation/Application:

- Application Use = Wire-to-Wire

Packaging Features:

- Packaging Method = Package
- Packaging Quantity = 1

- Seal Material = Silicone Rubber
- Seal Color = Green
- Used With = Clean Body Contacts

Other:

- Brand = TE Connectivity

Contact Features:

- Contact Type = Receptacle

Housing Features:

- Connector Style = Receptacle
- Housing Material = Nylon 6/6 - GF35
- Housing Color = Black
- Mating Alignment = With
- Mating Alignment Type = Keyed

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