



2-965641-1 Product Details



2-965641-1

TE Internal Number: 2-965641-1
 **Active**

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Multiple Contact Point (MCP) & MCON Contact Systems

 Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Multiple Contact Point (MCP) Product Line
- Wire-to-Wire
- Applies To Wire/Cable
- Connector
- Housing

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [PRODUCT GROUP DRAWING: TAB HOUSING \(2.8mm\), 6-21POS....](#) (PDF, English)
- [2.8mm TAB HOUSING, 6POS. 2.8mm Tab Gehaeuse, 6pol.](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

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 = Multiple Contact Point (MCP)
- Product Type = Connector
- Connector Type = Housing
- [Wire/Cable Type](#) = FLR (Thin Walled Cable)
- Key Type = Standard
- Sealed = No

Mechanical Attachment:

- Contact Retention = Optional
- Contact Retention Type = Secondary Locking/Retainer
- Mating Retention Type = Latching
- Panel Mount Retention = Without

Electrical Characteristics:

- Contact - Rated Current (A) = 24
- Operating Voltage (VDC) = 28
- Operating Voltage Reference = DC

Termination Features:

- Termination Method to Wire/Cable = Crimp

Dimensions:

- Mating Area Interface Dimensions (mm [in]) = 2.79 [.110]

Body Features:

- Cable Exit Angle = 180°
- Mating Retention = With

Housing Features:

- Connector Style = Plug
- Housing Material = PA66 - GF13
- Housing Color = Natural
- Mating Alignment = With
- Mating Alignment Type = Keyed

Configuration Features:

- Number of Positions = 6
- Number of Rows = 3
- 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 = B

Environmental:

- Operating Temperature (°C [°F]) = -30 - +100 [-22 - +212]

Conditions for Usage:

- Applies To = Wire/Cable

Operation/Application:

- Application Use = Wire-to-Wire

- Wire Type = Stranded
- Used With = Mates with Receptacle Housing (7-968970-1)

Contact Features:

- Contact Type = Tab

Packaging Features:

- Packaging Method = Box/Carton
- Packaging Quantity = 1,500

Other:

- Brand = AMP
- Comment = Cavities mating with tab 2.8 without single wire seal

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