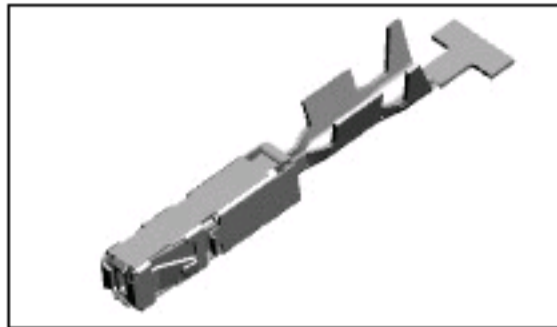




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1418408-1 Product Details

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1418408-1

TE Internal Number: 1418408-1

Active

View 3D PDF

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
- Contact
- Contact Type = Socket

[View all Features](#)

Quick Links

- ▶ Pricing & Availability
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Documentation & Additional Information

Product Drawings:

- AMP MCP1.5K Kontakt AMP MCP1.5K CONTACT (PDF, English)
- AMP MCP 1.5K PRODUCT GROUP DRAWING (PDF, German)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- Allgemeine Crimpspezifikation / GENERAL CRIMP SPEC. (PDF, German)

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- 2D Drawing (DXF, Version B11)
- 3D Model (IGES, Version B11)
- 3D Model (STEP, Version B11)

Related Products:

- Tooling

[List all Documents](#)

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

Product Type Features:

- Product Line = Multiple Contact Point (MCP)
- Product Type = Contact
- Wire/Cable Type = FLR (Thin Walled Cable)
- Termination Method to Wire/Cable = Crimp
- Sealed = No
- Strain Relief = Without

Mechanical Attachment:

- Contact Retention = With
- Contact Retention Type = Locking Lance

Electrical Characteristics:

- Contact - Rated Current (A) = 20

Termination Features:

- Wire/Cable Size (mm²) = 0.5 - 1
- Wire/Cable Size (AWG) = 17 - 20

Dimensions:

- Mating Area Interface Dimensions (mm [in]) = 1.50 [.059]

Body Features:

- Spring Material = Stainless Steel
- Spring Plating = Plain
- Wire Type = Stranded
- Used With = 1.5mm Tab

Contact Features:

- Contact Type = Socket
- Contact Base Material = CuNiSi
- Contact Plating, Mating Area, Material = Tin
- Contact Style = Locking Lance

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

Environmental:

- Operating Temperature (°C [°F]) = -40 - +130 [-40 - +266]

Conditions for Usage:

- Applies To = Wire/Cable
- Accepts Wire Insulation Diameter, Range (mm [in]) = 1.40 - 2.10 [0.055 - 0.083]

Operation/Application:

- Application Use = Wire-to-Wire

Packaging Features:

- Packaging Method = Reel
- Packaging Quantity = 8,000

Other:

- Brand = TE Connectivity

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