



# 1-1418883-1 Product Details

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**1-1418883-1**

TE Internal Number: 1-1418883-1

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:

- [AMP MCP 1.5K / AMP MCP 2.8 REC. HOUSING, 62POS., SEA...](#) (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 C)
- [3D Model](#) (IGES, Version C)
- [3D Model](#) (STEP, Version C)

### 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 = Connector
- Connector Type = Housing
- [Wire/Cable Type](#) = FLR (Thin Walled Cable)
- Connector System = LEAVYSEAL
- Key Type = Standard
- Sealed = Yes

### Mechanical Attachment:

- Contact Retention = With
- Contact Retention Type = Secondary Locking/Retainer
- Mating Retention Type = Latching

### Electrical Characteristics:

- Contact - Rated Current (A) = 15, 25
- Operating Voltage (VDC) = 36
- Operating Voltage Reference = DC

### Termination Features:

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

### Dimensions:

- Mating Area Interface Dimensions (mm [in]) = 1.50 [.059], 2.79 [.110]

### Body Features:

- Cable Exit Angle = 90°

### Housing Features:

- Connector Style = Receptacle
- Housing Material = PBT - GF20
- Housing Color = Black
- Mating Alignment = With
- Mating Alignment Type = Keyed

### Configuration Features:

- Number of Positions = 62
- Number of Sections = 1
- Number of Positions/Section = 56+6

### 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]) = -40 - +140 [-40 - +284]

### Conditions for Usage:

- Applies To = Wire/Cable

### Operation/Application:

- Application Use = Wire-to-Wire

- Assembly Integration Feature = With
- Assembly Integration Type = Slide and Lever
- Mating Retention = With
- Wire Type = Stranded
- Seal Material = Silicone
- Seal Color = Orange
- Used With = Tab Housing

**Contact Features:**

- Contact Type = Socket

**Packaging Features:**

- Packaging Method = Box/Carton
- Packaging Quantity = 117

**Other:**

- Brand = AMP
- Comment = IP67,IP X4 and IP69K

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