

# 1-1418480-1 Product Details



**1-1418480-1**

TE Internal Number: 1-1418480-1  
**Active**

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## Multiple Contact Point (MCP) & MCON Contact Systems

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- HDSCS Product Line, 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:**

- [7POS. AMP MCP 2.8/1.5K, REC HSG, ASSY 7pos. AMP MCP ... \(PDF, English\)](#)

**Catalog Pages/Data Sheets:**

- None Available

**Product Specifications:**

- [Heavy Duty Sealed Connector Series 2 to 18 positions... \(PDF, German\)](#)

**Application Specifications:**

- [Heavy Duty Sealed Connector Series \(HDSCS\) 2 to 18 p... \(PDF, English\)](#)

**Instruction Sheets:**

- None Available

**CAD Files: (CAD Format & Compression Information)**

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

[List all Documents](#)

**Related Products:**

- [Tooling](#)

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

**Product Type Features:**

- Product Line = HDSCS, Multiple Contact Point (MCP)
- Product Type = Connector
- Connector Type = Housing
- [Wire/Cable Type](#) = FLR (Thin Walled Cable)
- Key Type = Standard
- Sealed = Yes

**Mechanical Attachment:**

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

**Electrical Characteristics:**

- Operating Voltage (VDC) = 42
- 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 = 180°
- Assembly Integration Feature = With
- Assembly Integration Type = Slide

**Housing Features:**

- Connector Style = Receptacle
- Housing Material = PBT - GF30
- Housing Color = Black
- Mating Alignment = With
- Mating Alignment Type = Keyed

**Configuration Features:**

- Number of Positions = 7
- Number of Sections = 1
- Number of Positions/Section = 3+4

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

**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

- Mating Retention = With
- Wire Type = Stranded
- Seal Material = Silicone
- Seal Color = White
- Used With = Tab Housing

**Contact Features:**

- Contact Type = Socket

**Packaging Features:**

- Packaging Method = Package
- Packaging Quantity = 1

**Other:**

- Brand = TE Connectivity
- Comment = Degree of Protection:IP67,IP69K

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