



# 1-1564546-1 Product Details

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1-1564546-1

TE Internal Number: 1-1564546-1  
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](#)

### Quick Links

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## Documentation & Additional Information

### Product Drawings:

- [2POS 5.8x0.8 TAB HSG, ASSY 2pos 5.8x0.8 Flachstecker...](#) (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)
- Termination Method to Wire/Cable = Crimp
- PCB Mount Retention = Without
- Key Type = Standard
- Sealed = Yes
- Strain Relief = Without

### Mechanical Attachment:

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

### Electrical Characteristics:

- Operating Voltage (VDC) = 42
- Operating Voltage Reference = DC

### Termination Features:

- Seal Type = Axial Seal, Radial Seal

### Dimensions:

- Mating Area Interface Dimensions (mm [in]) = 6.30 [.248]

### Body Features:

- Cable Exit Angle = 180°
- Mating Retention = With
- Wire Type = Stranded
- Seal Material = Silicone
- Seal Color = Green, White
- Used With = Receptacle Housing

### Contact Features:

- Contact Type = Tab

### Housing Features:

- Connector Style = Plug
- Housing Material = PBT - GF30
- Housing Color = Black
- Mating Alignment = With
- Mating Alignment Type = Keyed
- UL Flammability Rating = UL 94V-0

### Configuration Features:

- Number of Positions = 2
- Number of Rows = 1

### 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

### Packaging Features:

- Packaging Method = Box
- Packaging Quantity = 120

### Other:

- Brand = TE Connectivity
- Comment = IP67 and IP69K

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- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)
- [Site Map](#)

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