

1-1703843-1 Product Details



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TE Internal Number: 1-1703843-1
 Active

View 3D PDF

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:

- [3POS, TAB 1.6x0.6, TAB HSG, ASSY 3pos, TAB 1.6x0.6, ... \(PDF, English\)](#)

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 \(DXF, Version H\)](#)
- [3D Model \(IGES, Version H\)](#)
- [3D Model \(STEP, Version H\)](#)

[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 = Axial Seal, Radial Seal

Dimensions:

- Mating Area Interface Dimensions (mm [in]) = 1.60 [.063]

Body Features:

- Cable Exit Angle = 180°
- Mating Retention = With
- Wire Type = Stranded

Housing Features:

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

Configuration Features:

- Number of Positions = 3
- 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
- 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

- Seal Material = Silicone
- Seal Color = Green, White
- Used With = Receptacle Housing

Contact Features:

- Contact Type = Tab

Packaging Features:

- Packaging Method = Box/Carton
- Packaging Quantity = 450

Other:

- Brand = TE Connectivity
- Comment = IP67 and IP69K

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