

2-1703841-1 Product Details

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TE Internal Number: 2-1703841-1

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

Quick Links

- ▶ Pricing & Availability
- ▶ Search for Tooling
- ▶ Product Feature Selector
- ▶ Contact Us About This Product

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Documentation & Additional Information

Product Drawings:

- 2POS, TAB 2.8x0.8, TAB HSG, ASSY 2pos, TAB 2.8x0.8, ... (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)

Related Products:

- Tooling

List all Documents

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
- 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:

- Seal Type = Axial Seal, Radial Seal

Dimensions:

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

Body Features:

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

Contact Features:

- Contact Type = Tab

Housing Features:

- Connector Style = Plug
- Housing Material = PBT - GF30
- Housing Color = Gray
- 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 = B

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 = 188

Other:

- Brand = TE Connectivity
- Comment = IP67 and IP69K

Corporate Information

- About TE
- Investors
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- Supplier Portal
- Careers
- Terms & Conditions
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Quick Links

- Distributor Inventory
- Product Cross Reference
- Documents & Drawings
- Product Compliance Support Center
- Site Map

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- Find a Phone Number
- Knowledge Base
- Manage Your Account

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