



## 2-1670901-1 Product Details



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TE Internal Number: 2-1670901-1  
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

Add to My Part List | Request Sample | Find Similar Products | Buy Product

### Documentation & Additional Information

#### Product Drawings:

- 12POS. AMP MCP 2.8, REC. HSG 12pol. AMP MCP 2.8, Buc... (TIF, 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
- PCB Mount Alignment = Without
- 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 = Radial Seal

#### Dimensions:

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

#### Body Features:

- Cable Exit Angle = 180°
- Assembly Integration Feature = With
- Assembly Integration Type = Slide
- Mating Retention = With
- Wire Type = Stranded
- Seal Material = Silicone
- Seal Color = White
- Used With = Tab Housing

#### Contact Features:

- Contact Type = Socket

#### Housing Features:

- Connector Style = Receptacle
- 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 = 12
- Number of Rows = 2

#### 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 = Carton
- Packaging Quantity = 230

#### Other:

- Brand = TE Connectivity
- Comment = IP67,IP69K(With cover)

#### Corporate Information

- About TE
- Investors
- News Room
- Supplier Portal
- Careers
- Terms & Conditions
- Privacy Policy

#### Quick Links

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

#### Customer Support

- Email or Chat With Us
- Find a Phone Number
- Knowledge Base
- Manage Your Account

#### Keep Me Informed

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