



# 1-1418362-1 Product Details



**1-1418362-1**

TE Internal Number: 1-1418362-1

Active

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

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- Multiple Contact Point (MCP) Product Line
- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header

[View all Features](#)

### Quick Links

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## Documentation & Additional Information

### Product Drawings:

- [HEADER, 62-POS, TAB1.5x0.64 / 2,8x0.8 1,5 x 0,64 / 2...](#) (PDF, English)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- None Available

### Application Specifications:

- None Available

### Instruction Sheets:

- None Available

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

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

[List all Documents](#)

### Related Products:

- [Tooling](#)

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

### Product Type Features:

- Product Line = Multiple Contact Point (MCP)
- Product Type = Connector
- Connector Type = Header
- Connector System = LEAVYSEAL
- PCB Mounting Orientation = Vertical
- PCB Mount Retention = Without
- Key Type = Standard
- Sealed = Yes

### Mechanical Attachment:

- Mating Retention Type = Latching

### Termination Features:

- Termination Method to Wire/Cable = Solder
- Seal Type = Peripheral
- Termination Method to PC Board = Through Hole - Solder

### Dimensions:

- Tab Width (mm [in]) = 1.5 [0.059], 2.8 [0.11]
- Mating Area Interface Dimensions (mm [in]) = 1.50 [.059], 2.79 [.110]

### Body Features:

- Mating Retention = With
- Seal Material = Silicone
- Seal Color = White

### Contact Features:

### Housing Features:

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

### Configuration Features:

- Number of Positions = 62
- Number of Sections = 1
- Number of Positions/Section = 56+6
- Strain Relief = Without

### 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

### Conditions for Usage:

- Applies To = Printed Circuit Board

### Operation/Application:

- Application Use = Wire-to-Board

### Packaging Features:

- Packaging Method = Tray

- Contact Type = Tab
- Multiple Contact Types = Without
- Contact Base Material = CuSn
- Contact Plating, Mating Area, Material = Silver
- Contact Plating, Mating Area, Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 3 - 5 [118.11 - 196.85]
- Underplate Material = Nickel
- Underplate Material Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 1.00 [39.370]
- Tail Plating Material = Tin
- Tail Plating Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 3 - 6 [118.11 - 236.22]

- Packaging Quantity = 6

**Other:**

- Brand = TE Connectivity

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