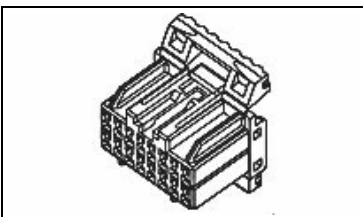




175442-1 Product Details



175442-1

TE Internal Number: 175442-1

Active

[View 3D PDF](#)

MULTILOCK Connectors and Contacts

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- MULTILOCK Product Line
- Connector
- Wire-to-Wire
- Housing
- Contact Type = Receptacle

[View all Features](#)

Quick Links

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Documentation & Additional Information

Product Drawings:

- [12Pos. PLUG HOUSING .040/.070 HYBRID I/O CONN. \(POWER\) \(PDF, English\)](#)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- [.040/.070 Hybrid I/O Conn. For Printed Circuit Board \(PDF, Japanese\)](#)

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files: (CAD Format & Compression Information)

- [2D Drawing \(DXF, Version E2\)](#)
- [3D Model \(IGES, Version E2\)](#)
- [3D Model \(STEP, Version E2\)](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Contacts \(17\)](#)

[List all Documents](#)

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

Product Type Features:

- Product Line = MULTILOCK
- [Product Type](#) = Connector
- Connector Type = Housing
- Wire/Cable Type = Discrete Wire
- Product Series = 040/070
- Sealed = No

Mechanical Attachment:

- Contact Retention = Without
- Mating Retention Type = Hinge Lock
- [Panel Mount Retention](#) = Without

Electrical Characteristics:

- Contact - Rated Current (A) = 6 - 19
- Operating Voltage Reference = DC

Termination Features:

- Termination Method to Wire/Cable = Crimp

Dimensions:

- Length (X-Axis) (mm [in]) = 21.00 [0.8268]
- Width (Z-Axis) (mm [in]) = 22.90 [0.9015]
- Profile Height (Y-Axis) (mm [in]) = 28.00 [1.102]

Body Features:

- Mating Retention = With
- Wire Type = Stranded

Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 3.50 [0.138]
- Mating Alignment = With
- Mating Alignment Type = Polarization
- [Housing Color](#) = White
- Housing Material = PBT - GF

Configuration Features:

- [Number of Rows](#) = 2
- [Number of Positions](#) = 12
- Strain Relief = Without
- GET 0.64 Connector System = No

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

Environmental:

- Operating Temperature (°C [°F]) = -30 - +105 [-22 - +221]

Conditions for Usage:

- [Applies To](#) = Wire/Cable
- [For Use With](#) = Cap: 175444 or 175448

Operation/Application:

- Application Use = Wire-to-Wire
- Contact Transmits (Typical Application) = Power

Contact Features:

- Contact Type = Receptacle
- Shunts/Shorting Bars = Without
- Multiple Contact Types = Without
- Contact Series = .070

Packaging Features:

- Packaging Method = Bag
- Packaging Quantity = 100

Other:

- Brand = AMP
- Proprietary Name = MULTILOCK
- Comment = See drawing for additional product information.

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