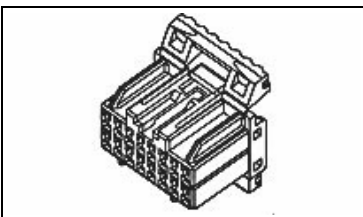




174514-6 Product Details

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174514-6

TE Internal Number: 174514-6

Active

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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

- ▶ [Pricing & Availability](#)
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Documentation & Additional Information

Product Drawings:

- [HYBRID I/O CONNECTOR 16POSITION PLUG HOUSING \(PDF, English\)](#)

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

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)
- [Contacts \(5\)](#)

[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) = 8 - 11
- 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]) = 25.60 [1.008]
- Profile Height (Y-Axis) (mm [in]) = 28.00 [1.102]

Body Features:

- Mating Retention = With
- Wire Type = Stranded
- [Wire Range \(mm \[AWG\]\)](#) = 0.30-0.50² [22-20], 0.30-0.60² [22-20]

Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 3.00 [0.118]
- Mating Alignment = With
- Mating Alignment Type = Polarization
- [Housing Color](#) = Gray
- Housing Material = PBT - GF

Configuration Features:

- [Number of Rows](#) = 2
- [Number of Positions](#) = 16
- 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
- [Accepts Wire Insulation Diameter, Range \(mm \[in\]\)](#) = 1.00 - 1.40 [0.039 - 0.055], 1.80 - 2.00 [0.071 - 0.079]
- [For Use With](#) = Cap: 174518, Contacts: 173716 or 175094

Operation/Application:

Feedback

- Application Use = Wire-to-Wire

Contact Features:

- Contact Type = Receptacle
- Shunts/Shorting Bars = Without
- Multiple Contact Types = Without
- Contact Series = .040

Packaging Features:

- Packaging Method = Bag
- Packaging Quantity = 100

Other:

- Brand = AMP
- Proprietary Name = MULTILOCK

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