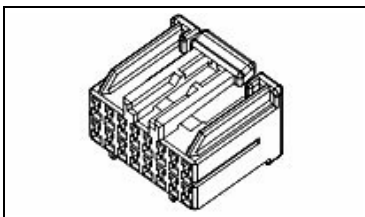




# 917981-6 Product Details

Share Print Email



**917981-6**

TE Internal Number: 917981-6

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

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [View Contacts \(5\)](#)
- ▶ [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:

- [.040/.070 HYBRID I/O CONN. MK-II 16 POS. PLUG HOUSING](#) (PDF, English)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- [.040II/.070II Hybrid I/O Connector MK-II for Wire-t...](#) (PDF, Japanese)

### Application Specifications:

- [MULTILOCK 040/070 and 070/250 Series Hybrid Connectors](#) (PDF, English)

### Instruction Sheets:

- None Available

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

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

### 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 II/070 II
- Sealed = No

### Mechanical Attachment:

- Contact Retention = With
- Contact Retention Type = Secondary Locking/Retainer
- Mating Retention Type = Latching
- Panel Mount Retention = Without

### Electrical Characteristics:

- Contact - Rated Current (A) = 8 - 15

### Termination Features:

- Termination Method to Wire/Cable = Crimp

### Dimensions:

- Length (X-Axis) (mm [in]) = 21.00 [0.8268]
- Width (Z-Axis) (mm [in]) = 25.00 [0.9842]
- Profile Height (Y-Axis) (mm [in]) = 17.30 [0.681]

### Body Features:

- Mating Retention = With
- Wire Type = Stranded
- Wire Range (mm [AWG]) = 0.37-0.88<sup>2</sup> [22-18]

### Housing Features:

- Connector Style = Plug
- Centerline (mm [in]) = 3.00 [0.118]
- Mating Alignment = With
- Mating Alignment Type = Polarization
- Housing Color = Dark 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]) = 1.10 - 2.10 [0.043 - 0.083]
- For Use With = Cap: 178764

### Operation/Application:

Feedback

- Application Use = Wire-to-Wire

**Contact Features:**

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

**Packaging Features:**

- Packaging Method = Bag
- Packaging Quantity = 2,000

**Other:**

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

**Corporate Information**

- [About TE](#)
- [Investors](#)
- [News Room](#)
- [Supplier Portal](#)
- [Careers](#)
- [Terms & Conditions](#)
- [Privacy Policy](#)
- [AODA Accessibility Policy](#)
- [AODA Multi-Year Accessibility Plan](#)

**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**