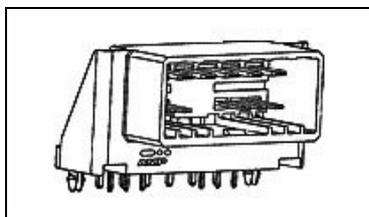




# 284524-1 Product Details



**284524-1**

## MULTILOCK Connectors and Contacts

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- MULTILOCK Product Line
- Connector
- Wire-to-Board
- Header
- Contact Type = Tab

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
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TE Internal Number: 284524-1

Active

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## Documentation & Additional Information

### Product Drawings:

- [6+6 POS. 070/JPT 90 DEGREE HEADER FOR DOOR NODES ASS'Y \(PDF, English\)](#)

### Catalog Pages/Data Sheets:

- None Available

### Product Specifications:

- [HEADERS AND CONNECTORS FOR DOOR JUNCTION SYSTEM \(PDF, English\)](#)

### Application Specifications:

- None Available

### Instruction Sheets:

- None Available

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

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

### Additional Information:

- [Product Line Information](#)

### Related Products:

- [Tooling](#)

[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 = Header
- PCB Mounting Orientation = Right Angle
- PCB Mount Retention = With
- PCB Mount Retention Type = Boardlock(s)
- Product Series = 070/JPT
- Sealed = No

### Mechanical Attachment:

- Mating Retention Type = Latching
- Panel Mount Retention = Without

### Electrical Characteristics:

- Operating Voltage (VDC) = 24

### Termination Features:

- Termination Method to PC Board = Through Hole - Solder

### Dimensions:

- PCB Thickness, Recommended (mm [in]) = 1.60 [0.063]
- Tab Width (mm [in]) = 1.7 [0.067], 2.8 [0.11]
- Tail Length (mm [in]) = 4.1 [0.161]
- Length (X-Axis) (mm [in]) = 24.60 [0.968]
- Width (Z-Axis) (mm [in]) = 45.00 [1.771]
- Profile Height (Y-Axis) (mm [in]) = 26.00 [1.0236]

### Body Features:

### Housing Features:

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

### Configuration Features:

- Number of Rows = 2
- Number of Positions = 12
- Number of Sections = 1
- Number of Positions/Section = 6+6
- GET 0.64 Connector System = No

### Industry Standards:

- RoHS/ELV Compliance = RoHS compliant, ELV compliant
- Lead Free Solder Processes = Not suitable for lead free processing
- RoHS/ELV Compliance History = Always was RoHS compliant

### Environmental:

- Operating Temperature (°C [°F]) = -30 - +85 [-22 - +185]

### Conditions for Usage:

- Applies To = Printed Circuit Board
- For Use With = Receptacle Kit: 284159

### Operation/Application:

- Application Use = Wire-to-Board

- Mating Retention = With

**Contact Features:**

- Contact Type = Tab
- Shunts/Shorting Bars = Without
- Multiple Contact Types = With
- Contact Series = .070, Junior Power Timer (JPT)
- [Contact Base Material](#) = Brass
- [Contact Plating, Mating Area, Material](#) = Tin
- Contact Plating, Mating Area, Thickness ( $\mu\text{m}$  [ $\mu\text{in}$ ]) = 0.8 - 1.5 [31.49 - 59.05]
- Contact Plating, Termination Area, Material = Tin

**Packaging Features:**

- Packaging Method = Tray
- Packaging Quantity = 45

**Other:**

- Brand = AMP
- Proprietary Name = MULTILOCK

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**Quick Links**

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