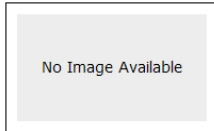


5179450-1 Product Details

Live Product Chat



5179450-1

TE Part Number: 5179450-1

Active

[Add to Part List](#)

High Speed Interconnection System (Z-PACK)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Receptacle
- Number of Positions = 152
- Connector Type = J-II
- Type = Disk Array
- 1.27 mm Centerline, 3.81 mm Centerline

[View all Features](#) | [Find Similar Products](#)

Quick Links

- [Check Pricing & Availability](#)
- [Search for Tooling](#)
- [Product Feature Selector](#)
- [Contact Us About This Product](#)

Documentation & Additional Information

Product Drawings:

- [152P \(140 SIGNAL\) REC. ASSY Z-PACK J-II DISK ARRAY CONN.](#) (PDF, Japanese)

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 0)
- [3D Model](#) (IGES, Version 0)
- [3D Model](#) (STEP, Version 0)

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [Product Type](#) = Receptacle
- [Number of Positions](#) = 152
- [Connector Type](#) = J-II
- [Post Type](#) = Solder Post
- Mount Angle = Right Angle
- PCB Thickness (mm [in]) = 1.60 [0.063]

Mechanical Attachment:

- Retention Leg Plating = Tin
- Signal Pin Post Length (mm [in]) = 2.60 [0.102]

Electrical Characteristics:

- [Voltage Rating \(Signal\) \(VAC\)](#) = 48
- [Voltage Rating \(Power\) \(VAC\)](#) = 75
- Voltage Rating (Signal) (VDC) = 48
- Voltage Rating (Power) (VDC) = 60
- Signal Contact Current (Amps.) = 1
- Power Contact Current (Amps.) = 5

Termination Related Features:

- [Termination \(Solder\) Post Length \(mm \[in\]\)](#) = 2.60 [0.102]
- Solder Tail Contact Plating = Tin

Body Related Features:

- [Type](#) = Disk Array
- Centerline (mm [in]) = 1.27 [0.050], 3.81 [0.150]
- Support Plate Material = Liquid Crystal Polymer (LCP)
- Support Plate Color = Black
- Number of Signal Contacts = 140
- Number of Power Contacts = 12
- Power Pin Post Length (mm [in]) = 2.60 [0.102]

Contact Related Features:

- Contact Material = Copper Alloy
- Contact Mating Area Plating Material = Gold (20) over Nickel (50)

Housing Related Features:

- Housing Material = Liquid Crystal Polymer (LCP)
- Housing Color = Black

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant

Conditions for Usage:

- Operating Temperature (°C [°F]) = -20 - +105 [-68 - +221]

Other:

- Brand = AMP