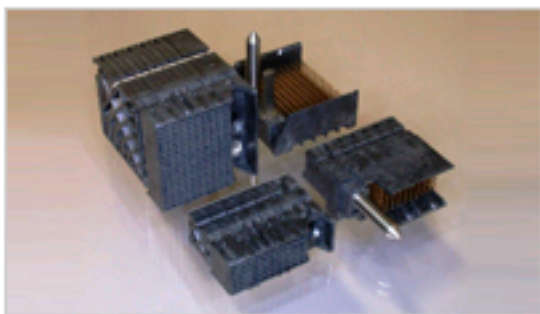


2057991-1 Product Details




Impact High Density Backplane Connectors

ImpRAssy6PR14CUNG0.39SnNoKey

2057991-1

TE Internal Number: 2057991-1

Active

 View 3D PDF

Product Highlights

View All

- Connector Style = Receptacle
- 168/Signal, 84/Ground
- 252 Positions
- Board-to-Board Configuration = Right Angle
- Number of Differential Pairs Per Column = 6

Share

Print

Email

Pricing & Availability

Request Sample

Add to My Part List

Buy Product through Distributor

Feedback

Documents | Features | Compliance

Please Note:
Use the Product Drawing for all design activity

Product Type Features	
PCB Mount Retention Type	Action/Compliant Tail
PCB Mount Alignment Type	None
Electrical Characteristics	
Impedance (Ω)	100
Operating Voltage Reference	AC/DC
Operating Voltage (VAC)	120
Operating Voltage (VDC)	120
Dimensions	
Tail Length (mm [in])	1.2 [0.047]
Length (X-Axis) (mm [in])	26.60 [1.047]
Width (Z-Axis) (mm [in])	37.30 [1.469]
Profile Height (Y-Axis) (mm [in])	25.40 [1.000]
PCB Hole Diameter (mm [in])	0.39 [0.015]
Contact Features	
Contact Type	Socket
Contact Plating, Termination Area, Material	Matte Tin
Contact Plating, Termination Area, Thickness (µm [µin])	1.27 [50]
Contact Base Material	Copper-Nickel-Silicon
Underplate Material	Nickel
Underplate Material Thickness (µm [µin])	1.27 [50.000]
Housing Features	
Connector Style	Receptacle
Housing Color	Black
Housing Material	LCP (Liquid Crystal Polymer)
Configuration Features	
Connector Contact Configuration (No. of Pos./Type)	168/Signal, 84/Ground
Number of Positions	252
Number of Differential Pairs Per Column	6
Number of Columns	14
Number of Rows	18
Guide Location	Unguided
Tail Orientation	In-line

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
UL Rating	Recognized
UL File Number	E28476
UL Flammability Rating	UL 94V-0
CSA Certified	Yes
Environmental	
Operating Temperature (°C [°F])	-55 ~ +85 [-67 ~ +185]
Conditions for Usage	
Board-to-Board Configuration	Right Angle
Operation/Application	
Industry Application	Networking (Communications)
Packaging Features	
Packaging Method	Tube/Box
Other	
Brand	TE Connectivity

Related Products

Not quite the product you're looking for?
[Find Similar Products](#)

[View Part in Product Feature Selector](#)

[Check for Tooling](#)

Corporate Information

[About TE](#)
[Investors](#)
[News Room](#)
[Supplier Portal](#)
[Careers](#)
[Terms & Conditions](#)
[Privacy Policy](#)
[Global Accessibility Statement](#)







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





© 2014 TE Connectivity Ltd. family of companies. All Rights Reserved

 Provide Website Feedback