



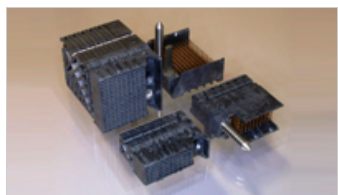
Have a Question?
Chat with a Product
Information Specialist

What can we help you find?

[Products](#) [Industries](#) [Resources](#) [About TE](#) [My Account](#) [Innovation](#) [Support Center](#)

2007737-1 Product Details

[Share](#) [Print](#) [Email](#)



Active

Impact High Density Backplane Connectors

IMP100,S,R,RA6P10C,RG,46

2007737-1

TE Internal Number: 2007737-1

Product Highlights [View All](#)

- Connector Style = Receptacle
- 120/Signal, 60/Ground
- 180 Positions
- Board-to-Board Configuration = Right Angle
- Number of Differential Pairs Per Column = 6

[Pricing & Availability](#)

[Request Sample](#)

[Add to My Part List](#)

[Buy Product through Distributor](#)

[Documents](#)

[Features](#)

[Compliance](#)

Please Note:

Use the Product Drawing for all design activity

Product Type Features

PCB Mount Retention Type	Action/Compliant Tail and Screw(s)
PCB Mount Alignment Type	Locating Post(s)

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])	0.46 [0.018]

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

Contact Features		Industry Application	Networking (Communications)
Contact Type	Socket	Packaging Features	
Contact Plating, Termination Area, Material	Matte Tin	Packaging Method	Tube/Box
Contact Plating, Termination Area, Thickness (µm [µin])	1.27 [50]	Other	
Contact Base Material	Copper-Nickel-Silicon	Brand	TE Connectivity
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)	120/Signal, 60/Ground		
Number of Positions	180		
Number of Differential Pairs Per Column	6		
Number of Columns	10		
Number of Rows	18		
Guide Location	Right		
Tail Orientation	In-line		

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 of Use of TE.com](#)
- [Privacy Policy](#)
- [Global Accessibility Statement](#)

Quick Links

- [Distributor Inventory](#)
- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)
- [Site Map](#)
- [Terms & Conditions of Sale](#)

Customer Support

- [Email or Chat With Us](#)
- [Find a Phone Number](#)
- [Knowledge Base](#)
- [Manage Your Account](#)

Keep Me Informed

