

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [170335-3207](#)
Status: **Active**
Overview: [Impact™ Backplane Connectors and Cable Assemblies](#)
Description: Impact™ 85 Ohm Plus 4 Pair Vertical Header, Left Guide, Right Endwall, 12 Columns, 144 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-170540-999 \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	170335
Application	Conventional, Mezzanine
Component Type	PCB Header
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact™
Style	N/A
UPC	887191405087

Physical

Circuits (Loaded)	144
Circuits (maximum)	144
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	7.121/g
Number of Columns	12
Number of Pairs	4
Number of Rows	12
Orientation	Vertical
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.35mm, 1.90mm
Pitch - Termination Interface	1.35mm, 1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85#
Shield Type	N/A

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[170335Series](#)

Mates With

[170340](#) Impact™ 85 Ohm Plus Right Angle Receptacle, [170390](#) Impact™ 85 Ohm Plus Vertical Mezzanine Receptacle

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
Backplane Header	0621009610
Removal Tool for GbX-U™, I-Trac™, Impact™, or TinMan	
Impact™ Insertion Tool	0621005850

Shielded
Voltage - Maximum

No
30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-170540-999
SD-170335-0002

This document was generated on 07/25/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION