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Part Number: [170510-1127](#)
Status: **Active**
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 85 Ohm Plus 3 Pair, RAM Signal Module, Unguided, Dual Endwalls, 10 Columns, 72 Circuits, Plated Through Hole Dimension 0.39mm, Pin Length 4.90mm, Lead Free

Documents:

[RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Backplane Connectors
Series	170510
Application	Coplanar
Component Type	PCB Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
Style	N/A
UPC	887191679365

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
Color - Resin	Gray
Durability (mating cycles max)	200
First Mate / Last Break	No
Guide to Mating Part	No
Keying to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.183/g
Number of Columns	10
Number of Pairs	3
Number of Rows	9
Orientation	Right Angle
PC Tail Length	1.20mm
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#

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Contains SVHC: No

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

[170510Series](#)

Mates With

[170340](#) Impact™ 85 Ohm Plus Right Angle Daughtercard

Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-170510-0001
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