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Part Number: [76495-5807](#)
Status: **Active**
Overview: Impact™ Backplane Connector and Cable Assembly System
Description: Impact™ 85 Ohm Plus 4 Pair, RAM Signal Module, Right Guided, 8 Columns, 96 Circuits, Plated Through Hole Dimension 0.39mm, Pin Length 4.90mm, Lead Free

Documents:

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

General

| | |
|----------------|---|
| Product Family | Backplane Connectors |
| Series | 76495 |
| Application | Coplanar |
| Component Type | PCB Header |
| Overview | Impact™ Backplane Connector and Cable Assembly System |
| Product Name | Impact™ |
| Style | N/A |
| UPC | 887191541310 |

Physical

| | |
|--------------------------------|--------------------------------|
| Circuits (Loaded) | 96 |
| Circuits (maximum) | 96 |
| 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 | Tin |
| Material - Resin | High Temperature Thermoplastic |
| Net Weight | 18.292/g |
| Number of Columns | 8 |
| Number of Pairs | 4 |
| Number of Rows | 12 |
| 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

[76495Series](#)

Mates With

[170340](#) Impact™ 85 Ohm Plus 4 Pair, Right Angle Daughtercard

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

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|---------------|
| Product Specification | PS-170540-999 |
| Sales Drawing | SD-76495-004 |

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