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Part Number: [1705301026](#)
Status: **Active**
Overview:
Description: Impact 85 Ohm Plus 3 Pair Right-Angle Daughtercard, Unguided, 16 Columns, 144 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

Agency Certification

UL E29179

General

Product Family Backplane Connectors
 Series [170530](#)
 Application Conventional, Coplanar, Daughtercard
 Application Tooling Documents TM-622018799-001
 Component Type PCB Receptacle
 Data Rate 25.0 Gbps
 Overview [impact_backplane_connector_system](#)
 Product Name Impact
 Taxonomy Backplane Connectors
 UPC 887191142814

Physical

Circuits (Loaded) 144
 Circuits (maximum) 144
 Color - Resin Gray
 Durability (mating cycles max) 200
 First Mate / Last Break No
 Flammability 94V-0
 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 14.362/g
 Number of Columns 16
 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° to +85°C
 Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 0.75A
 Impedance 85Ω
 Shield Type N/A
 Shielded No

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 D(2022)4187-DC (10
 June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[170530](#) Series

Mates With

[170525](#) Impact 85 Ohm Plus Vertical Header

Voltage - Maximum 30V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990-001
Electrical Model Document	EE-170530-025-001, EE-170530-040-001
Packaging Specification	PK-70873-591-001
Product Specification	PS-170540-999-001
S-Parameter Model	SP-170530-0001-001, SP-170530-0001_40G-001
Sales Drawing	SD-170530-0001-001
Symbol/Footprint Data	SYM-170530-1026-001

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