



Part Number : [764601020](#)
Product Description : Impact 100 Ohm 2 Pair
Right-Angle Daughtercard Receptacle,
Unguided, 10 Columns, 60 Circuits, Plated
Through Hole Dimension 0.39mm, Lead-Free
Series Number : 76460
Status : Active
Product Category : Backplane Connectors



Documents & Resources

Drawings

[Drawing 764601020_sd.pdf](#)
[Packaging Design Drawing PK-70873-592-001.pdf](#)

3D Models and Design Files

[3D Model 764601020_stp.zip](#)
[Electrical Model Document EE-76460-001-050G-001.pdf](#)
[Electrical Model Document EE-76460-001-25G-001.pdf](#)
[S-Parameter Model SP-76460-001-025-001.zip](#)
[S-Parameter Model SP-76460-001-050-001.zip](#)
[Symbol Footprint Data SYM-76460-1020-001.zip](#)

Specifications

[Application Specification AS-76060-990-001.pdf](#)
[Application Specification AS-76060-9999-001.pdf](#)
[Product Specification PS-45499-002-001.pdf](#)
[Product Specification PS-76060-999-001.pdf](#)
[Test Summary TS-76460-0001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Backplane Connectors
Series	76460
Description	Impact 100 Ohm 2 Pair Right-Angle Daughtercard Receptacle, Unguided, 10 Columns, 60 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free
Application	Conventional, Coplanar, Daughtercard
Component Type	PCB Receptacle
Product Family	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	883906495275

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100Ω
Shield Type	N/A

Shielded	No
Voltage - Maximum	30V AC (RMS)/DC

Physical

Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
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	5.020/g
Number of Columns	10
Number of Pairs	2
Number of Rows	6
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	1.20mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Pitch - Mating Interface	1.90mm
Pitch - Termination Interface	1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

Mates with Part(s)

Description	Part Number
Impact 100 Ohm 2 Pair Right-Angle Male Headers	<u>76450</u>
Impact 100 Ohm 2 Pair Vertical Backplane Headers	<u>76455</u>

Use with Part(s)

Description	Part Number
Wide Guide Modules and Pins	<u>76153</u>