Part Number : 761653607

Product Description : Impact 100 Ohm 3 Pair Vertical Backplane Header, Left Guide, Open Endwall, 16 Columns, 144 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Series Number : 76165

Status : Active

Product Category : Backplane Connectors

Documents & Resources

Drawings

Drawing_761653607_sd.pdf

Packaging Design Drawing_PK-70873-758-001.pdf

3D Models and Design Files

3D Model_761653607_stp.zip

Symbol Footprint Data_SYM-76165-3607-001.zip

Specifications

Application Specification_AS-76060-990-001.pdf

Application Specification_AS-76060-9999-001.pdf

Product Specification_PS-45499-002-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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	76165
Description	Impact 100 Ohm 3 Pair Vertical Backplane Header, Left Guide, Open Endwall, 16 Columns, 144 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Lead-Free
Application	Conventional
Component Type	PCB Header
Product Family	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	756054932759

Agency

UL	E29179

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)	144

Circuits (maximum)	144
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
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	6.305/g
Number of Columns	16
Number of Pairs	3
Number of Rows	9
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	1.40mm
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	Yes
Stackable	No
Temperature Range - Operating	-55° to +85°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
Impact 100 Ohm 3 Pair Right-Angle Daughtercard Receptacles	76170