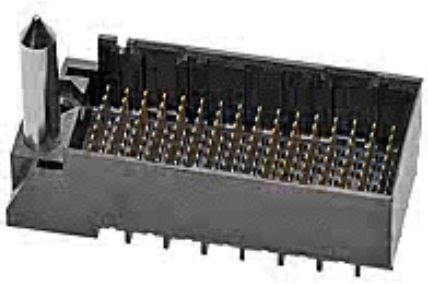
Part Number : 761657608
Product Description : Impact 100 Ohm 3 Pair Vertical Backplane Header, Left Guide, Right Endwall, 16 Columns, 144 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free
Status : Active
Product Category : Backplane Connectors



Documents and Resources

Drawings

761657608_sd.pdf

PK-70873-758-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

SYM-76165-7608-001.zip

Specifications

AS-76060-990-001.pdf

AS-76060-9999-001.pdf

PS-45499-002-001.pdf

PS-76060-999-001.pdf

TS-76170-0001-001.pdf

Tooling Specifications

ATS-622018651-001.pdf

Part Details

General

Status	Active
Category	Backplane Connectors
Series	76165
Description	Impact 100 Ohm 3 Pair Vertical Backplane Header, Left Guide, Right Endwall, 16 Columns, 144

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	Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free
Application	Conventional
Component Type	PCB Header
Product Name	Impact
UPC	883906225902

Agency

UL	E29179

Electrical

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	100Ω
Shielded	No
Shield Type	N/A
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	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.542/g
Number of Columns	16
Number of Pairs	3
Number of Rows	9

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Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	No
PCB Thickness - Recommended	1.00mm
PC Tail Length	1.40mm
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

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description
Impact 100 Ohm 3 Pair Right-Angle Daughtercard Receptacles

Application Tooling

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