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Part Number:

0764551608

Status:

Active

Overview:

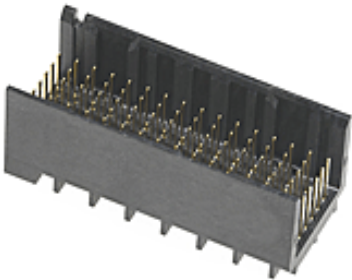
Impact Backplane Connector and Cable Assembly System

Description:

Impact 100 Ohm 2 Pair Vertical Backplane Header, Unguided, Open Endwall, 16 Columns, 96 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:	
3D Model	Packaging Specification PK-70873-761-001 (PDF)
3D Model (PDF)	Packaging Specification PK-70873-7704-001 (PDF)
Drawing (PDF)	Test Summary TS-76460-0001-001 (PDF)
Product Specification PS-76060-999-001 (PDF)	Symbol Footprint Data SYM-76455-1608 (PDF)
Application Specification AS-76060-990-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-9999-001 (PDF)	

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76455
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact Backplane Connector and Cable Assembly System
Product Name	Impact
UPC	884982245525
Physical	
Circuits (Loaded)	96
Circuits (maximum)	96
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	2.651/g
Number of Columns	16
Number of Pairs	2
Number of Rows	6
Orientation	Vertical
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.90mm
Pitch - Termination Interface	1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)4578-DC (25 June 2020)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

76455 Series

Mates With

76460 Impact 100 Ohm Daughtercard

Use With

75234 Backplane Free Standing Guide Pin

Application Tooling FAQ	
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.	
Global	
Description	Product #
Backplane Insertion Tool for Signal Contact	621005800
Backplane Header Removal Tool for GbX U-Series, GbX I-Trac, Impact, or Z-PACK TinMan	621009610

Surface Mount Compatible (SMC)	No	Press-In Tool for	622018694
Temperature Range - Operating	-55° to +85°C	Backplane Signal	
Termination Interface: Style	Through Hole - Compliant Pin	Module, 2-Pair by	
		16-Column	
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		
Solder Process Data			
Lead-freeProcess Capability	N/A		
Material Info			
Reference - Drawing Numbers			
Application Specification	AS-76060-990-001, AS-76060-9999-001		
Packaging Specification	PK-70873-761-001, PK-70873-7704-001		
Product Specification	PS-76060-999-001		
Sales Drawing	SD-76455-001-001		
Symbol/Footprint Data	SYM-76455-1608		
Test Summary	TS-76460-0001-001		

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