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Part Number:

0764551623

Status:

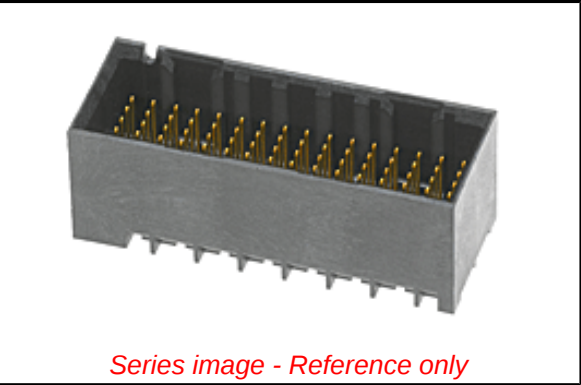
Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 2 Pair Vertical Backplane Header, Unguided, Dual Endwall, 16 Columns, 96 Circuits, Pin Length 4.50mm, Plated Through Hole Dimension 0.46mm, Lead-Free



Series image - Reference only

Documents:	
3D Model	Application Specification AS-76060-9999 (PDF)
Drawing (PDF)	Test Summary TS-76460-0001 (PDF)
Product Specification PS-76060-999 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-76060-990 (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	884982016224
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	3.121/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
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per	
-ED/79/2015 (17	
December 2015)	
Halogen-Free	
Status	
Low-Halogen	
Need more information on product environmental compliance?	
Email productcompliance@molex.com	
Please visit the Contact Us section for any non-product compliance questions.	
China ROHS	Green Image
ELV	Not Relevant

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 Header	0621009610
Removal Tool for GbX® U-Series, GbX	

Termination Interface: Style	Through Hole - Compliant Pin	I-Trac™, Impact™, or Z-PACK Tinman*
Electrical		Backplane Insertion <u>0621005800</u>
Current - Maximum per Contact	0.75A	Tool for Signal Contact
Data Rate	25.0 Gbps	Press-In Tool for <u>0622018694</u>
Impedance	100#	Backplane Signal Module, 2-Pair by 16-Column
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, AS-76060-9999	
Product Specification	PS-76060-999	
Sales Drawing	SD-76455-001	
Symbol/Footprint Data	SYM-76455-1623	
Test Summary	TS-76460-0001	

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