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Part Number:

0761659308

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 3 Pair Vertical Backplane Header, Right Guide, Left Endwall, 6 Columns, 54 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free

Documents:	
3D Model	Application Specification AS-76060-9999 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-758 (PDF)
Product Specification PS-76060-999 (PDF)	Test Summary TS-76170-0001 (PDF)
Application Specification AS-76060-990 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76165
Application	Conventional
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	884982248748
Physical	
Circuits (Loaded)	54
Circuits (maximum)	54
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	4.516/g
Number of Columns	6
Number of Pairs	3
Number of Rows	9
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	Yes
Stackable	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

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
76165 Series
Mates With
76170 Impact™ 100 Ohm Daughtercard

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 Press-In Tool	0622018781
Backplane Insertion Tool for Signal Contact	0621005800
Backplane Header Removal Tool for	0621009610

Electrical		GbX® U-Series, GbX I-Trac™, Impact™, or Z-PACK Tinman*
Current - Maximum per Contact	0.75A	
Data Rate	25.0 Gbps	
Impedance	100#	
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	
Packaging Specification	PK-70873-758	
Product Specification	PS-76060-999	
Sales Drawing	SD-76165-003	
Symbol/Footprint Data	SYM-76165-9308	
Test Summary	TS-76170-0001	

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