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Part Number:

0760555615

Status:

Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact 100 Ohm 5 Pair Vertical Backplane Header, Right Guided, Open Endwall, 16 Columns, 240 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Key Orientation A, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-76060-999-001 (PDF)

Application Specification AS-76060-990-001 (PDF)

Application Specification AS-76060-9999-001 (PDF)

Packaging Specification PK-70873-759-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76055
Application	Conventional, Mezzanine
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact
UPC	883906524319
Physical	
Circuits (Loaded)	240
Circuits (maximum)	240
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	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	9.085/g
Number of Columns	16
Number of Pairs	5
Number of Rows	15
Orientation	Vertical
PC Tail Length	1.40mm
PCB Locator	No
PCB Retention	Yes
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° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -

ED/71/2019 (16 July

2019)

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

76055 Series

Mates With

76060 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 Insertion

621005800

Tool for Signal

Contact

Backplane Header

621009610

Removal Tool for

GbX U-Series, GbX

I-Trac, Impact, or Z-

PACK TinMan

Backplane Press-In

622018665

Tool for 5-Pair by 16-

Column Assemblies

		Impact Backplane	622018873
		Press-In Tool	
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-70873-759-001	
Product Specification		PS-76060-999-001	
Sales Drawing		SD-76055-003-001	
Symbol/Footprint Data		SYM-76055-5615	

This document was generated on 09/30/2019

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