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Part Number:

0761703008

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 3 Pair Right Angle Daughtercard Receptacle, Left Guided, 8 Columns, 72 Circuits, Plated Through Hole Dimension 0.46mm, Lead-Free

Documents:

3D Model	Application Specification AS-76060-9999 (PDF)
Drawing (PDF)	Packaging Specification PK-70873-591 (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
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General

Product Family	Backplane Connectors
Series	76170
Application	Conventional, Coplanar, Daughtercard
Application Tooling Documents	TM-622018799
Component Type	PCB Receptacle
Electrical Model	Yes
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	883906860073

Physical

Circuits (Loaded)	72
Circuits (maximum)	72
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	9.044/g
Number of Columns	8
Number of Pairs	3
Number of Rows	9
Orientation	Right Angle
PC Tail Length	1.20mm
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
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

Compliant

China RoHS

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

76170 Series

Mates With

76165 Impact™ 100 Ohm Vertical Header,
76410 Impact™ 100 Ohm Right Angle
Header

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 #
Daughter Card	0622018675
Module Installation	
Press-In Tool for 3- Pair by 8-Column Assemblies	

Electrical

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
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990, AS-76060-9999
Electrical Model Document	EE-76170-003
Packaging Specification	PK-70873-591
Product Specification	PS-76060-999
S-Parameter Model	SP-76170-003
Sales Drawing	SD-76170-002
Symbol/Footprint Data	SYM-76170-3008
Test Summary	TS-76170-0001

Impact Daughter	<u>0622024300</u>
Card Extraction Tool	
Impact™ Daughter	<u>0622024600</u>
Card Module	
Removal Tool	

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