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Part Number:

0761705226

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 3 Pair Right Angle Daughtercard Receptacle, Right Guided, 16 Columns, 144 Circuits, Plated Through Hole Dimension 0.39mm, Polarizing Key Position B, 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
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	884982299177
Physical	
Circuits (Loaded)	144
Circuits (maximum)	144
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	15.703/g
Number of Columns	16
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



Series image - Reference only

EU ELV	
Not Reviewed	
EU RoHS	China RoHS
Not Reviewed	
REACH SVHC	
Not Reviewed	
Halogen-Free	
Status	
Not Reviewed	
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	Not Reviewed
ELV	Not Reviewed

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	0622018650
Module Installation	
Press-In Tool for 3-Pair by 16-Column Assemblies	
Impact Daughter Card Extraction Tool	0622024300

Termination Interface: Style	Through Hole - Compliant Pin	Impact™ Daughter Card Module Removal Tool
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	
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-76170-004	
Symbol/Footprint Data	SYM-76170-5226	
Test Summary	TS-76170-0001	

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