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Part Number:

0761505110

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 6 Pair Right Angle Daughtercard Receptacle, Right Guided, 10 Columns, 180 Circuits, Plated Through Hole Dimension 0.46mm, Polarizing Key Position A, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-76060-999 (PDF)

Application Specification AS-76060-990 (PDF)

Application Specification AS-76060-9999 (PDF)

Packaging Specification PK-70873-589 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
UL		E29179
General		
Product Family		Backplane Connectors
Series		76150
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		883906514631

Physical		
Circuits (Loaded)		180
Circuits (maximum)		180
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		27.992/g
Number of Columns		10
Number of Pairs		6
Number of Rows		18
Orientation		Right Angle
PC Tail Length		1.20mm
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°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

76150 Series

Mates With

76145 Impact™ 100 Ohm Vertical Backplane 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	0622018661
Signal Module	
Assembly Press-In	
Tool for 6-Pair by 10-Column Assemblies	
Impact Daughter	0622024300
Card Extraction Tool	

Termination Interface: Style	Through Hole - Compliant Pin
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-76150-001, EE-76560-0001
Packaging Specification	PK-70873-589
Product Specification	PS-76060-999
S-Parameter Model	SP-76150-001, SP-76560-0001
Sales Drawing	SD-76150-004
Symbol/Footprint Data	SYM-76150-5110

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