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Part Number:

76165-0105

Status:

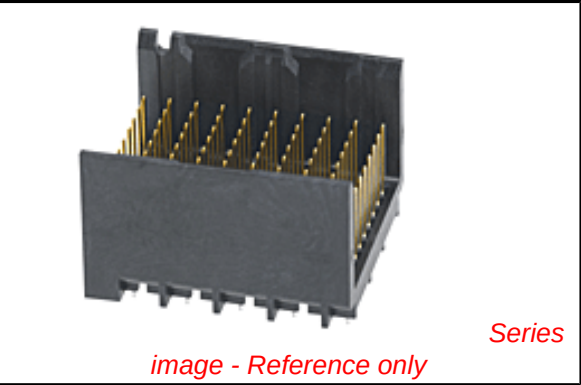
Active

Overview:

Impact™ Backplane Connectors and Cable Assemblies

Description:

Impact™ 100 Ohm 3 Pair Vertical Backplane Header, 1.90 by 1.35mm Pitch, Unguided, Open Endwall, 10 Columns, 90 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.46mm, Tin (Sn) Lead (Pb)



Documents:

3D Model

Drawing (PDF)

Product Specification PS-76060-999 (PDF)

Application Specification AS-76060-990 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
UL		E29179
General		
Product Family		Backplane Connectors
Series		76165
Application		Backplane, Midplane
Application Tooling Documents		TM-622018799
Component Type		PCB Header
Overview		Impact™ Backplane Connectors and Cable Assemblies
Product Name		Impact™
Style		N/A
UPC		883906222840
Physical		
Circuits (Loaded)		90
Circuits (maximum)		90
Color - Resin		Black
Durability (mating cycles max)		200
First Mate / Last Break		No
Flammability		94V-0
Guide to Mating Part		No
Keying to Mating Part		None
Material - Metal		High Performance Alloy (HPA)
Material - Plating Mating		Gold
Material - Plating Termination		Tin-Lead
Material - Resin		High Temperature Thermoplastic
Net Weight		2.096/g
Number of Columns		10
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		No
Stackable		Yes
Temperature Range - Operating		-55°C to +85°C
Termination Interface: Style		Through Hole - Compliant Pin

EU RoHS

Not RoHS Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS

50

Need more information on product environmental compliance?

Email productcompliance@molex.com

For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

76165Series

Mates With

76170 Impact™ 100 Ohm Daughtercard

Use With

75234 Backplane Free Standing Guide Pin

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 Module Installation, Press-In Tool	0622018647
Backplane Insertion Tool for Signal Contact	0621005800

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

Replacement RoHS Compliant Part Number	None
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Material Info

Reference - Drawing Numbers

Application Specification	AS-76060-990
Product Specification	PS-76060-999
Sales Drawing	SD-76165-001

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