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Part Number:

76500-5108

Status:

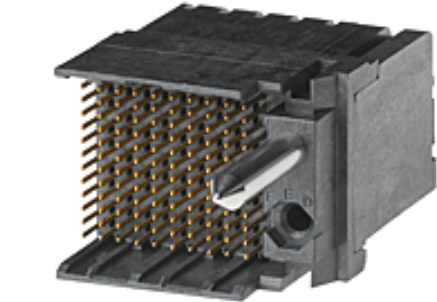
Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 100 Ohm 4 Pair RAM Right Angle Header, Right Guided, Open Endwall, 10 Columns, 120 Circuits, Pin Length 5.50mm, Plated Through Hole Dimension 0.39mm, Lead-Free



Series

image - Reference only

Documents:	
3D Model	Application Specification AS-76060-990 (PDF)
Drawing (PDF)	Application Specification AS-76060-994 (PDF)
Product Specification PS-76060-999 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76500
Application	Coplanar
Application Tooling Documents	TM-622018799
Component Type	PCB Header
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
Style	N/A
UPC	884982018990
Physical	
Circuits (Loaded)	120
Circuits (maximum)	120
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	13.015/g
Number of Columns	10
Number of Pairs	4
Number of Rows	12
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
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS

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

76500Series

Mates With

76160 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 #
Impact™ Right Angle Module Removal	0622024350
Tool (RAM)	
Daughter Card	0622018641
Module Installation	
Press-In 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-76060-994
Product Specification	PS-76060-999
Sales Drawing	SD-76500-004

This document was generated on 12/10/2014

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