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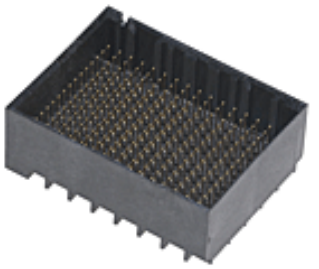
Part Number: 171296-1627

Status: Active

Overview: Impact™ Backplane Connectors and Cable Assemblies

Description: Impact™ 100 Ohm 5 Pair Vertical Backplane Header, 1.90 by 1.35mm Pitch, Unguided, Dual Endwall, 16 Columns, 240 Circuits, Pin Length 4.90mm, Plated Through Hole Dimension 0.39mm, Matte Tin, 10u" Gold



Series

image - Reference only

Documents:

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	171296
Application	Conventional
Component Type	PCB Header
Overview	Impact™ Backplane Connectors and Cable Assemblies
Product Name	Impact™
Style	N/A
UPC	887191068770

Physical

Circuits (Loaded)	240
Circuits (maximum)	240
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
Material - Resin	High Temperature Thermoplastic
Net Weight	5.675/g
Number of Columns	16
Number of Pairs	5
Number of Rows	15
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	0.254µm
Polarized to PCB	No
Stackable	Yes
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

EU RoHS
ELV and RoHS Compliant
REACH SVHC
Not Reviewed
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
171296Series

Mates With
76060 Impact™ 100 Ohm Daughtercard Receptacle

Use With
75234 Backplane Free Standing Guide Pin

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
Product Specification	PS-76060-999
Sales Drawing	SD-171296-0001

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