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Part Number:

1704801026

Status:

Active

Overview:

Impact™ Backplane Connector and Cable Assembly System

Description:

Impact™ 85 Ohm Plus 5 Pair Right Angle Daughtercard, Unguided, 16 Columns, 240 Circuits, Plated Through Hole Dimension 0.39mm, Lead Free

Documents:

3D Model

Drawing (PDF)

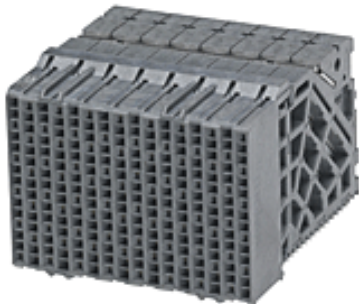
Product Specification PS-170540-999 (PDF)

Application Specification AS-76060-990 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	170480
Application	Conventional, Daughtercard
Component Type	PCB Receptacle
Overview	Impact™ Backplane Connector and Cable Assembly System
Product Name	Impact™
UPC	887191151687
Physical	
Circuits (Loaded)	240
Circuits (maximum)	240
Color - Resin	Gray
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	29.752/g
Number of Columns	16
Number of Pairs	5
Number of Rows	15
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	1.35mm, 1.90mm
Pitch - Termination Interface	1.35mm, 1.90mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(2014 December 17): No

Halogen-Free

Status

Low-Halogen

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

Green Image

ELV

Not Relevant

Search Parts in this Series

170480 Series

Mates With

170475 Impact™ 85 Ohm Plus Vertical 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 #
Impact Daughter Card Extraction Tool	0622024300
Daughter Card Module Installation Press-In Tool for 5-Pair by 16-Column Assemblies	0622018659

Current - Maximum per Contact	0.75A
Data Rate	25.0 Gbps
Impedance	85#
Shield Type	N/A
Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-990
Electrical Model Document	EE-170480-0001
Product Specification	PS-170540-999
S-Parameter Model	SP-170480-0003
Sales Drawing	SD-170480-0001
Symbol/Footprint Data	SYM-170480-1026

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