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Part Number:

0762901022

Status:

Active

Overview:

Description:

Impact 100 Ohm 6 Pair Right-Angle Orthogonal Daughtercard, Unguided, 12 Columns, 216 Circuits, Plated Through Hole Dimension 0.39mm, Lead-Free

Agency Certification	
UL	E29179
General	
Product Family	Backplane Connectors
Series	76290
Application	Daughtercard, Orthogonal, Orthogonal Direct, Orthogonal Midplane
Application Tooling Documents	TM-622018799-001
Component Type	PCB Receptacle
Data Rate	25.0 Gbps
Overview	impact_backplane_connector_system
Product Name	Impact
Taxonomy	Backplane Connectors
UPC	884982035300
Physical	
Circuits (Loaded)	216
Circuits (maximum)	216
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	27.803/g
Number of Columns	12
Number of Pairs	6
Number of Rows	18
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	1.90mm, 2.15mm
Pitch - Termination Interface	1.90mm, 2.15mm
Plating min - Mating	0.762µm
Polarized to PCB	No
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-55° to +85°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	0.75A
Impedance	100Ω
Shield Type	N/A

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Not Contained Per - D(2022)4187-DC (10 June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

76290 Series

Mates With

76285 Impact 100 Ohm Backplane Header

Shielded	No
Voltage - Maximum	30V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76060-9999-001, AS-76850-990-001
Electrical Model Document	EE-76290-049-001, EE-76290-055-001
Packaging Specification	PK-70873-589-001
Product Specification	PS-45499-002-001, PS-76060-999-001
S-Parameter Model	SP-76290-049-001, SP-76290-055-001
Sales Drawing	SD-76290-001-001
Symbol/Footprint Data	SYM-76290-1022-001

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