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Part Number:

0755616001

Status:

Active

Overview:

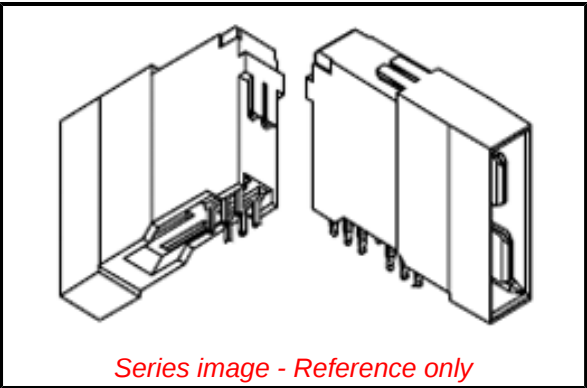
EXTreme PowerMass High-Current Connectors

Description:

EXTreme PowerMass 0.13mm Pitch, 80A per module, Right-Angle Plug, Press Fit

Documents:	
3D Model	Packaging Specification PK-46081-100-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
Application tooling part link	
Application Tooling Part Link	62201-8654
Application Tooling Part Link	62202-3700
General	
Product Family	PCB Headers
Series	75561
3D Viewer	Yes
Application	Board-to-Board, Power
CURRENT-MAX-NUMERIC	40.0
Comments	80A per module, 40A per contact (2 contacts per module), 80A per module, 40A per contact (2 contacts per module)
Overview	EXTreme PowerMass High-Current Connectors
PITCH-MATING-NUMERIC	3.00
Product Name	EXTreme PowerMass
UPC	800756780146
Physical	
(p)ower-(s)ignal Configuration	2p - 0s
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper-Nickel-Silicon
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Net Weight	11.268/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.99mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.18mm
Packaging Type	Tray
Pitch - Mating Interface	3.00mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm



EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
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

75561 Series

Mates With

755455000 EXTreme PowerMass Receptacle, 755455001 EXTreme PowerMass Receptacle

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 #
Press-In Tool for 80A	622018654
Right-Angle Plug	
Right-Angle Plug	622023700
Removal Tool	

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Closed Ends
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	40.0A
Voltage - Maximum	450V
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-46081-100-001

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