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Part Number:

0459841934

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

EXTreme LPHPower Receptacle Header, Right-Angle, 10 Power Contacts, Select Gold (Au) Plating, for 1.57mm Thick PC Board with Guide and Press-fit Plastic Pegs

Documents:

3D Model

Packaging Specification PK-45984-001-001 (PDF)

Drawing (PDF)

Symbol Footprint Data SYM-45984-1914-001 (PDF)

3D Model (PDF)

RoHS Certificate of Compliance (PDF)

Product Specification PS-45984-001-001 (PDF)



Series image - Reference only

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Receptacles
Series		45984
Application		Board-to-Board, Power
Comments		10 Power Blades
Overview		EXTreme LPHPower Connectors
Product Name		EXTreme LPHPower
UPC		800756651781
Physical		
(p)ower-(s)ignal Configuration		10p - 0s
Circuits (Loaded)		10
Circuits (maximum)		10
Color - Resin		Black
Durability (mating cycles max)		250
Flammability		94V-0
Glow-Wire Capable		No
Guide to Mating Part		Yes
Keying to Mating Part		Yes
Lock to Mating Part		No
Material - Metal		High Performance Alloy (HPA)
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Net Weight		13.371/g
Number of Rows		2
Orientation		Right Angle
PC Tail Length		2.90mm
PCB Locator		Yes
PCB Retention		Yes
PCB Thickness - Recommended		1.57mm
Packaging Type		Tray
Pitch - Mating Interface		12.00mm
Pitch - Termination Interface		2.00mm, 2.50mm
Plating min - Mating		0.762µm
Plating min - Termination		3.810µm
Polarized to Mating Part		Yes
Polarized to PCB		No
Stackable		No
Surface Mount Compatible (SMC)		Yes
Temperature Range - Operating		-40° to +105°C

EU ELV	
Not Relevant	
EU RoHS	
Compliant	
REACH SVHC	
Not Contained Per - D(2021)4569-DC (8 July 2021)	
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

45984 Series

Mates With

45985 EXTreme LPHPower Headers

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	20.0A
Grounding to PCB	No
Voltage - Maximum	250V AC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	015
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	230
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-45984-001-001
Product Specification	PS-45984-001-001
Sales Drawing	SD-45984-102-001
Symbol/Footprint Data	SYM-45984-1914-001

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