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Part Number: [0459856932](#)
Status: **Active**
Overview: [EXTreme LPHPower Connectors](#)
Description: EXTreme LPHPower Header, Right-Angle, 6 Power Contacts, Select Gold (Au) Plating, for 1.57mm Thick PC Board with Guide

Documents:

3D Model	Packaging Specification PK-45984-001-001 (PDF)
3D Model (PDF)	Symbol Footprint Data SYM-45985-6912-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-45984-001-001 (PDF)	



Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	45985
Application	Board-to-Board, Power
Comments	6 Power Blades
Overview	EXTreme LPHPower Connectors
Product Name	EXTreme LPHPower
UPC	800756694795

Physical

(p)ower-(s)ignal Configuration	6p - 0s
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	250
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
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	6.921/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	2.90mm
PCB Locator	No
PCB Retention	None
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
Shrouded	Closed Ends

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
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Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[45985](#) Series

Mates With

[45984](#) EXTreme LPHPower PCB
Receptacles

Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	27.0A
Voltage - Maximum	250V AC (RMS)/DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	015
Lead-free Process 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-45985-102-001
Symbol/Footprint Data	SYM-45985-6912-001

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