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Part Number: [0459848922](#)
Status: **Active**
Overview: [EXTreme LPHPower Connectors](#)
Description: EXTreme LPHPower Receptacle Header, Right-Angle, 8 Power Contacts, Select Gold (Au) Plating, for 2.36mm Thick PC Board with Guide

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-45984-001-001 \(PDF\)](#)
[Packaging Specification PK-45984-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	45984
Application	Board-to-Board, Power
Comments	8 Power Blades
Overview	EXTreme LPHPower Connectors
Product Name	EXTreme LPHPower
UPC	800756651453

Physical	
(p)ower-(s)ignal Configuration	8p - 0s
Circuits (Loaded)	8
Circuits (maximum)	8
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	10.817/g
Number of Rows	2
Orientation	Right Angle
PC Tail Length	3.60mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.36mm
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
Termination Interface: Style	Through Hole



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ED/61/2018 (27 June 2018) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[45984](#) Series

Mates With
[45985](#) EXTreme LPHPower Headers

Electrical

Current - Maximum per Contact	23.0A
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

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