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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:** 

<u>3D Model</u> <u>Packaging Specification PK-45984-001-001 (PDF)</u>

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

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

**Agency Certification** 

CSA LR19980 UL E29179

General

Product Family PCB Receptacles

Series <u>45984</u>

Application Board-to-Board, Power

Comments 8 Power Blades

Overview <u>EXTreme LPHPower Connectors</u>

Product Name EXTreme LPHPower UPC 800756651453

**Physical** 

(p)ower-(s)ignal Configuration 8p - 0s Circuits (Loaded) 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

Material - Metal High Performance Alloy (HPA)

Material - Plating Mating Gold Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

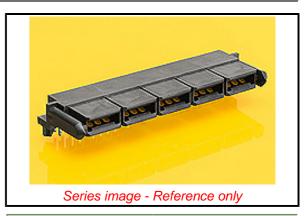
Net Weight 10.817/g Number of Rows 2

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

Pitch - Termination Interface 2.00mm,
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



**EU ELV** 

**Not Relevant** 

EU RoHS China 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 Green Image
ELV Not Relevant
RoHS Phthalates 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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