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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:

<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 10 Power Blades

Overview <u>EXTreme LPHPower Connectors</u>

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

Material - Metal High Performance Alloy (HPA)

Material - Plating Mating Gold Material - Plating Termination Tin

Material - Resin High Temperature Thermoplastic

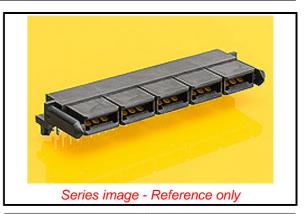
Net Weight 13.371/g Number of Rows 2

Right Angle Orientation 2.90mm PC Tail Length **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
Plating min - Termination
Plating min - Termination
Polarized to Mating Part
Polarized to PCB
No
Stackable
No
Surface Mount Compatible (SMC)

2.00mm,
2.0

Temperature Range - Operating -40° to +105°C
Termination Interface: Style Through Hole



EU ELV

Not Relevant

EU RoHS China RoHS

CompliantREACH 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 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

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