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Part Number: [45984-1911](#)
Status: **Active**
Overview: [EXTreme LPHPower™](#)
Description: EXTreme LPHPower™ Receptacle Header, Right Angle, 10 Power Contacts, Select Gold (Au) Plating, for 3.18mm Thick PC Board,

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Receptacles
 Series [45984](#)
 Application Board-to-Board, Power
 Comments 10 Power Blades
 Overview [EXTreme LPHPower™](#)
 Product Name EXTreme LPHPower™
 UPC 800756650906

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 Compliant No
 Guide to Mating Part No
 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 12.618/g
 Number of Rows 2
 Orientation Right Angle
 PC Tail Length 4.50mm
 PCB Locator No
 PCB Retention None
 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°C to +105°C
 Termination Interface: Style Through Hole

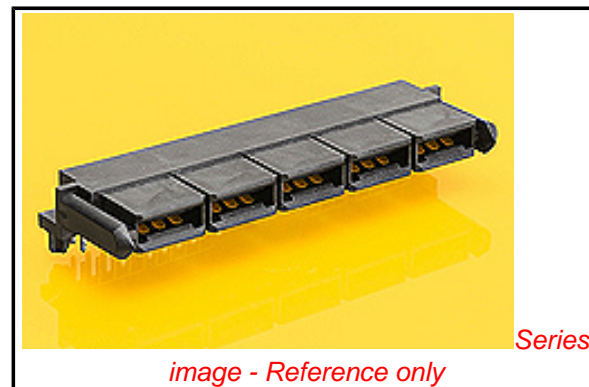


image - Reference only

Series

EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[45984Series](#)

Mates With

[45985](#) EXTreme LPHPower™ Headers

Electrical

Current - Maximum per Contact	20A
Grounding to PCB	No
Voltage - Maximum	250V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	15
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	3
Process Temperature max. C	230

Material Info**Reference - Drawing Numbers**

Product Specification	PS-45984-001
Sales Drawing	SD-45984-102

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