

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

46112-1201

Status:

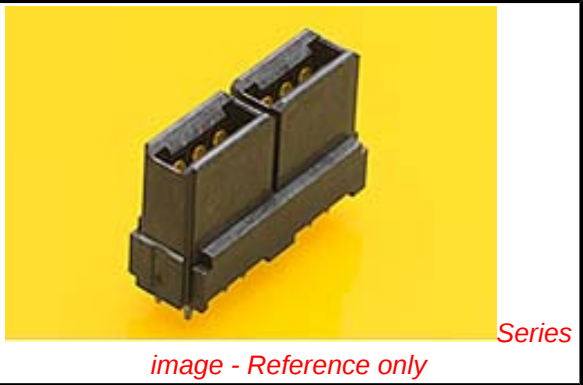
Active

Overview:

EXTreme LPHPower™

Description:

12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 12 Power Contact, Select Gold (Au) Plating, without BMI Guides



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-46114-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	46112
Application	Board-to-Board, Power
Overview	EXTreme LPHPower™
Product Name	EXTreme LPHPower™
UPC	800756885926
Physical	
(p)ower-(s)ignal Configuration	12p - 0s
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	11.390/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Pitch - Mating Interface	12.00mm
Pitch - Termination Interface	12.00mm
Plating min - Mating	0.762µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	Contact Molex

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

46112Series

Mates With

45985 EXTreme LPHPower™ Header

No
250V AC (RMS)/DC

Product Specification Sales Drawing

PS-46114-001
SD-46112-200

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