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Part Number: [0461120401](#)
Status: **Active**
Overview: [EXTreme LPHPower Connectors](#)
Description: 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 4 Power Contact, Select Gold (Au) Plating, without BMI Guides

Documents:

3D Model (PDF)	Application Specification AS-46114-001-001 (PDF)
3D Model	Packaging Specification PK-46114-003-001 (PDF)
Drawing (PDF)	Symbol Footprint Data SYM-46112-0401-001 (PDF)
Product Specification PS-46114-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	46112
Application	Board-to-Board, Power
Component Type	PCB Receptacle
Overview	EXTreme LPHPower Connectors
Product Name	EXTreme LPHPower
Taxonomy	Board-to-Board Connectors
UPC	800756842004

Physical

(p)ower-(s)ignal Configuration	4p - 0s
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	250
Flammability	94V-0
Glow-Wire Capable	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	3.750/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
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° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46112](#) Series

Mates With

[45985](#) EXTreme LPHPower Header

Electrical

Current - Maximum per Contact	Contact Molex
Grounding to PCB	No
Voltage - Maximum	250V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	N/A
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Material Info**Reference - Drawing Numbers**

Application Specification	AS-46114-001-001
Packaging Specification	PK-46114-003-001
Product Specification	PS-46114-001-001
Sales Drawing	SD-46112-200-001
Symbol/Footprint Data	SYM-46112-0401-001

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