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Part Number: **0461120601**
Status: **Active**
Overview: EXTreme LPHPower Connectors
Description: 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contact, Select Gold (Au) Plating, without BMI Guides

Documents:

3D Model	Application Specification AS-46114-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-46114-003 (PDF)
Product Specification PS-46114-001-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

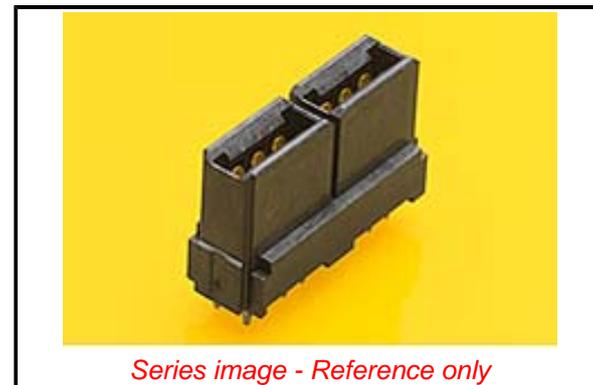
Product Family	PCB Receptacles
Series	46112
Application	Board-to-Board, Power
Overview	<u>EXTreme LPHPower Connectors</u>
Product Name	EXTreme LPHPower
UPC	800756885810

Physical

(p)ower-(s)ignal Configuration	6p - 0s
Circuits (Loaded)	6
Circuits (maximum)	6
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	5.660/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° to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact	Contact Molex
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Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

46112 Series

Mates With

45985 EXTreme LPHPower Header

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
Product Specification	PS-46114-001-001
Sales Drawing	SD-46112-200
Symbol/Footprint Data	SYM-46112-0601

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