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Part Number: 0461120603
Status: Active
Overview: EXTreme LPHPower™ Connectors
Description: 12.00mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 6 Power Contact, Select Gold (Au) Plating, with BMI Guides



Series image - Reference only

Documents:

3D Model
Drawing (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	EXTreme LPHPower™ Connectors
Product Name	EXTreme LPHPower™
UPC	800756885834

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 Compliant	No
Guide to Mating Part	Yes
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	6.290/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
Grounding to PCB	No

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per -ED/01/2017 (12 January 2017)

Halogen-Free Status
Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
46112 Series

Mates With
45985 EXTreme LPHPower™ Header

Voltage - Maximum	250V AC (RMS)/DC
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-46114-001-001
Sales Drawing	SD-46112-200

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