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Part Number:

0461120203

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 2 Power Contact, Select Gold (Au) Plating, with BMI Guides

Documents:

3D Model

Drawing (PDF)

Product Specification PS-46114-001-001 (PDF)

Packaging Specification PK-46114-003 (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	800756885773	
Physical		
(p)ower-(s)ignal Configuration	2p - 0s	
Circuits (Loaded)	2	
Circuits (maximum)	2	
Color - Resin	Black	
Durability (mating cycles max)	250	
Flammability	94V-0	
Glow-Wire Capable	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	2.470/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	



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

Green Image

ELV

Not Relevant

RoHS Phthalates

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-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-46114-003
Product Specification	PS-46114-001-001
Sales Drawing	SD-46112-200
Symbol/Footprint Data	SYM-46112-0203

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