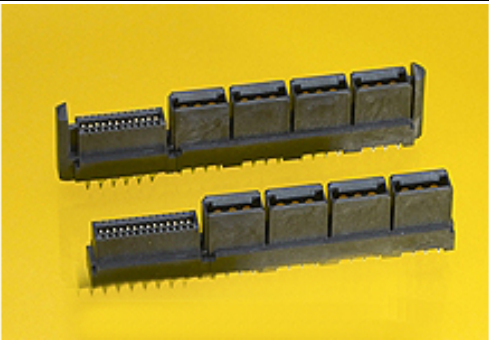


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Part Number: [0461141024](#)
Status: **Active**
Overview: [EXTreme LPHPower Connectors](#)
Description: 1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 24 Signal Contacts, Select Gold (Au) Plating, with BMI Guides

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	LR19880
UL	E29179
Application tooling part link	
Application Tooling Part Link	62100-6300
Application Tooling Part Link	62201-8671
General	
Product Family	PCB Receptacles
Series	46114
Application	Board-to-Board, Power
Comments	Press Fit Pin, Press Fit Pin
Overview	EXTreme LPHPower Connectors
Product Name	EXTreme LPHPower
UPC	800756886305
Physical	
(p)ower-(s)ignal Configuration	10p - 24s
Circuits (Loaded)	34
Circuits (maximum)	34
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	12.866/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	1.27mm, 12.00mm
Pitch - Termination Interface	1.27mm, 2.50mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes



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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[46114](#) Series

Mates With
[45985](#) EXTreme LPHPower Header

Application Tooling | FAQ
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
LPH Vertical Receptacle Power Terminal Removal Tool	621006300
Vertical Receptacle Press-In Tool	622018671

Temperature Range - Operating

Termination Interface: Style

-40° to +105°C

Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact

Grounding to PCB

Voltage - Maximum

30.0A

No

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

Packaging Specification

Product Specification

Sales Drawing

Symbol/Footprint Data

AS-46114-001-001

PK-46114-003

PS-46114-001-001

SD-46114-100

SYM-46114-1024

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