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Part Number:

0461141020

Status:

Active

Overview:

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 10 Power Contacts, 20 Signal Contacts, Select Gold (Au) Plating, with BMI Guides

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
Overview		extreme_lphpower
Product Name		EXTreme LPHPower
Taxonomy		Board-to-Board Connectors
UPC		800756886299
Physical		
(p)ower-(s)ignal Configuration		10p - 20s
Circuits (Loaded)		30
Circuits (maximum)		30
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		12.440/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
Temperature Range - Operating		-40° to +105°C
Termination Interface: Style		Through Hole - Compliant Pin
Electrical		
Current - Maximum per Contact		30.0A

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

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

Grounding to PCB
Voltage - Maximum

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-46114-003-001
PS-46114-001-001
SD-46114-100-001
SYM-46114-1020-001

This document was generated on 08/30/2022

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