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Part Number: [0461130403](#)
Status: **Active**
Overview: [EXTreme LPHPower™ Connectors](#)
Description: 1.27mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 40 Signal Contact, Select Gold (Au) Plating, with BMI Guides

Documents:

[3D Model](#) [Packaging Specification PK-46114-003 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-46114-001-001 \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [46113](#)
Application Board-to-Board, Signal
Overview [EXTreme LPHPower™ Connectors](#)
Product Name EXTreme LPHPower™
UPC 822350960632

Physical

(p)ower-(s)ignal Configuration 40s - 0p
Circuits (Loaded) 40
Circuits (maximum) 40
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 5.090/g
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
Packaging Type Tray
Pitch - Mating Interface 1.27mm
Pitch - Termination Interface 1.27mm
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 1.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

[46113](#) 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-46113-200

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