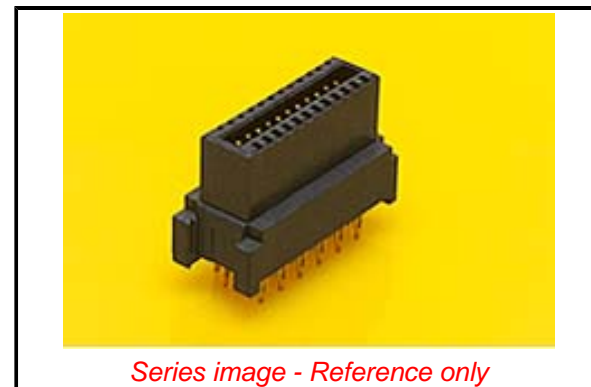


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Part Number: **0461130323**
Status: **Active**
Overview: EXTreme LPHPower Connectors
Description: 1.27mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 32 Signal Contact, Select Gold (Au) Plating, with BMI Guides

Documents:

| | |
|--|--|
| 3D Model | Application Specification AS-46114-001-001 (PDF) |
| 3D Model (PDF) | 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 | <u>EXTreme LPHPower Connectors</u> |
| Product Name | EXTreme LPHPower |
| UPC | 800756886190 |

Physical

| | |
|--------------------------------|--------------------------------|
| (p)ower-(s)ignal Configuration | 32s - 0p |
| Circuits (Loaded) | 32 |
| Circuits (maximum) | 32 |
| 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 | 4.238/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° to +105°C |
| Termination Interface: Style | Through Hole - Compliant Pin |

Electrical

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

46113 Series

Mates With

45985 EXTreme LPHPower Header

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1.0A |
| Grounding to PCB | No |
| Voltage - Maximum | 250V AC (RMS)/DC |

Solder Process Data

| | |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

Material Info**Reference - Drawing Numbers**

| | |
|---------------------------|------------------|
| Application Specification | AS-46114-001-001 |
| Packaging Specification | PK-46114-003 |
| Product Specification | PS-46114-001-001 |
| Sales Drawing | SD-46113-200 |
| Symbol/Footprint Data | SYM-46113-0323 |

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