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**Part Number:** [46113-0281](#)  
**Status:** **Active**  
**Overview:** EXTreme LPHPower™  
**Description:** 1.27mm Pitch, EXTreme LPHPower™ Receptacle Header, Vertical, 28 Signal Contact, Select Gold (Au) Plating, without BMI Guides

**Documents:**

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

**Agency Certification**

CSA LR19980  
 UL E29179

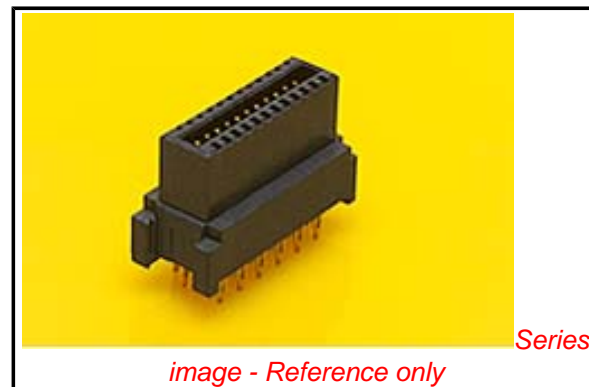
**General**

Product Family PCB Receptacles  
 Series [46113](#)  
 Application Board-to-Board, Signal  
 Overview EXTreme LPHPower™  
 Product Name EXTreme LPHPower™  
 UPC 800756886138

**Physical**

(p)ower-(s)ignal Configuration 28s - 0p  
 Circuits (Loaded) 28  
 Circuits (maximum) 28  
 Color - Resin Black  
 Durability (mating cycles max) 250  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 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 3.332/g  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 2.58mm  
 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

**Electrical**



*image - Reference only*

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

46113Series

**Mates With**

45985 EXTreme LPHPower™ Header

Current - Maximum per Contact	1A
Grounding to PCB	No
Voltage - Maximum	250V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-46114-001
Sales Drawing	SD-46113-200

This document was generated on 02/22/2013

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