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Part Number:

0461130281

Status:

Active

Overview:

EXTreme LPHPower Connectors

Description:

1.27mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 28 Signal Contact, Select Gold (Au) Plating, without 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                            | 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 Capable              | 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                       |
| 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                     |                                |
| Current - Maximum per Contact  | 1.0A                           |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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

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 |
| <b>Solder Process Data</b>         |                  |
| Lead-freeProcess Capability        | N/A              |
| <b>Material Info</b>               |                  |
| <b>Reference - Drawing Numbers</b> |                  |
| Packaging Specification            | PK-46114-003     |
| Product Specification              | PS-46114-001-001 |
| Sales Drawing                      | SD-46113-200     |
| Symbol/Footprint Data              | SYM-46113-0281   |

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