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Part Number:

0461146280

Status:

Active

Overview:

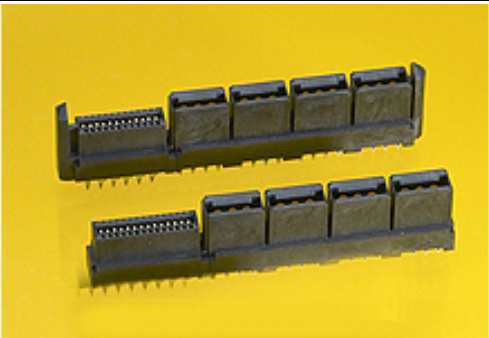
EXTreme LPHPower Connectors

Description:

1.27mm, 12.00mm Pitch, EXTreme LPHPower Receptacle Header, Vertical, 6 Power Contacts, 28 Signal Contacts, Select Gold (Au) Plating, with BMI Guides

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-46114-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-46114-003-001 (PDF)</a>   |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Symbol Footprint Data SYM-46114-6280-001 (PDF)</a>   |
| <a href="#">Product Specification PS-46114-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                             |
|--------------------------------|---------------------------------------------|
| Agency Certification           |                                             |
| CSA                            | LR19880                                     |
| UL                             | E29179                                      |
| Application tooling part link  |                                             |
| Application Tooling Part Link  | 62201-8671                                  |
| General                        |                                             |
| Product Family                 | PCB Receptacles                             |
| Series                         | 46114                                       |
| Application                    | Board-to-Board, Power                       |
| Comments                       | Press Fit Pin                               |
| Overview                       | <a href="#">EXTreme LPHPower Connectors</a> |
| Product Name                   | EXTreme LPHPower                            |
| Taxonomy                       | Board-to-Board Connectors                   |
| UPC                            | 800756886701                                |
| Physical                       |                                             |
| (p)ower-(s)ignal Configuration | 6p - 28s                                    |
| Circuits (Loaded)              | 34                                          |
| Circuits (maximum)             | 34                                          |
| 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                     | 9.472/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                                          |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | 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 #                 |
|-----------------------------------|---------------------------|
| Vertical Receptacle Press-In Tool | <a href="#">622018671</a> |

|                                    |                              |
|------------------------------------|------------------------------|
| Surface Mount Compatible (SMC)     | Yes                          |
| Temperature Range - Operating      | -40° to +105°C               |
| Termination Interface: Style       | Through Hole - Compliant Pin |
| <b>Electrical</b>                  |                              |
| Current - Maximum per Contact      | 30.0A                        |
| 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> |                              |
| Application Specification          | AS-46114-001-001             |
| Packaging Specification            | PK-46114-003-001             |
| Product Specification              | PS-46114-001-001             |
| Sales Drawing                      | SD-46114-600-001             |
| Symbol/Footprint Data              | SYM-46114-6280-001           |

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