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Part Number:

0760010006

Status:

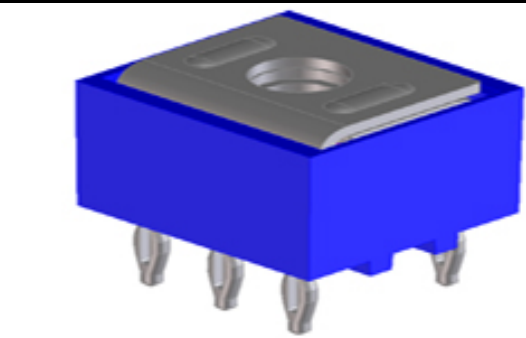
Active

Overview:

EXTreme ZPower Connectors

Description:

10.30mm EXTreme ZPower Connector, 6 Press-Fit Tails, Select Gold(Au) Plating, for 3.18mm Thick PC Board



Series image - Reference only

|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-76001-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification PK-76001-901 (PDF)</a>       |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification PS-76001-999-001 (PDF)</a> |                                                                  |

|                                |                                        |
|--------------------------------|----------------------------------------|
| Agency Certification           |                                        |
| CSA                            | LR19980                                |
| UL                             | E29179                                 |
| Application tooling part link  |                                        |
| Application Tooling Part Link  | 62100-5300                             |
| General                        |                                        |
| Product Family                 | PCB Headers                            |
| Series                         | 76001                                  |
| Application                    | Board-to-Board, Power, Wire-to-Board   |
| Comments                       | Power Connector                        |
| Overview                       | EXTreme ZPower Connectors              |
| Product Name                   | EXTreme ZPower                         |
| UPC                            | 822350555289                           |
| Physical                       |                                        |
| (p)ower-(s)ignal Configuration | 1p - 0s                                |
| Breakaway                      | No                                     |
| Circuits (Loaded)              | 1                                      |
| Circuits (maximum)             | 1                                      |
| Durability (mating cycles max) | 5                                      |
| First Mate / Last Break        | No                                     |
| Flammability                   | 94V-0                                  |
| Glow-Wire Capable              | No                                     |
| Guide to Mating Part           | No                                     |
| Keying to Mating Part          | N/A                                    |
| Lock to Mating Part            | Yes                                    |
| Material - Metal               | Copper-Nickel-Silicon, Stainless Steel |
| Material - Plating Mating      | Gold                                   |
| Material - Plating Termination | Tin                                    |
| Net Weight                     | 2.359/g                                |
| Number of Rows                 | 2                                      |
| Orientation                    | Vertical                               |
| PC Tail Length                 | 3.90mm                                 |
| PCB Locator                    | No                                     |
| PCB Retention                  | Yes                                    |
| PCB Thickness - Recommended    | 2.36mm                                 |
| Packaging Type                 | Tube                                   |
| Pitch - Mating Interface       | 6.00mm                                 |
| Pitch - Termination Interface  | 3.18mm                                 |
| Plating min - Mating           | 0.762µm                                |
| Plating min - Termination      | 2.540µm                                |
| Polarized to Mating Part       | Yes                                    |
| Polarized to PCB               | No                                     |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - ECHA_01_2020 (16 January 2020             |               |
| 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

76001 Series

Use With

62100-5300 Extraction Tool

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 # |
|-------------------------|-----------|
| Z-Power Extraction Tool | 621005300 |

|                                |                              |
|--------------------------------|------------------------------|
| Shrouded                       | No                           |
| 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 | 30.0A |
| Voltage - Maximum             | 250V  |

**Material Info**

**Reference - Drawing Numbers**

|                           |                  |
|---------------------------|------------------|
| Application Specification | AS-76001-001-001 |
| Packaging Specification   | PK-76001-901     |
| Product Specification     | PS-76001-999-001 |
| Sales Drawing             | SD-76001-002     |

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