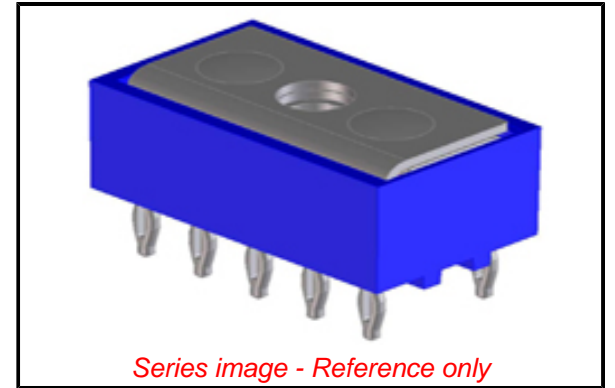


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0760010010](#)  
**Status:** **Active**  
**Overview:** EXTreme ZPower Connectors  
**Description:** 10.30mm EXTreme ZPower Connector, 10 Press-Fit Tails, Select Gold (Au) Plating, for 3.18mm Thick PC Board

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification AS-76001-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification PK-76001-901-001 (PDF)</a>   |
| <a href="#">Drawing (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         | <u>76001</u>                         |
| Application    | Board-to-Board, Power, Wire-to-Board |
| Comments       | Power Connector                      |
| Overview       | <u>EXTreme ZPower Connectors</u>     |
| Product Name   | EXTreme ZPower                       |
| UPC            | 822350555302                         |

**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 |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Tin                   |
| Net Weight                     | 3.840/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**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[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 | <a href="#">621005300</a> |
|-------------------------|---------------------------|

|                                |                              |
|--------------------------------|------------------------------|
| 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 | 50.0A |
| Voltage - Maximum             | 250V  |

**Solder Process Data**

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

**Material Info****Reference - Drawing Numbers**

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

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