

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

**Part Number:** [76001-0010](#)  
**Status:** **Active**  
**Overview:** [EXTreme ZPower™](#)  
**Description:** 10.30mm EXTreme ZPower™ Connector, 10 Press-Fit Tails, Select Gold (Au) Plating, for 3.18mm Thick PC Board

**Documents:**

[3D Model](#) [Application Specification AS-76001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-76001-999 \(PDF\)](#)

**Agency Certification**

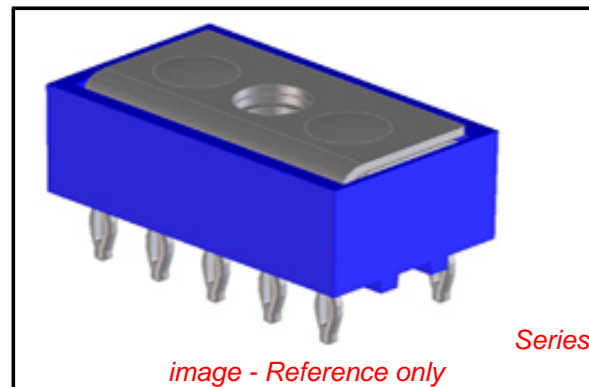
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [76001](#)  
 Application Board-to-Board, Power, Wire-to-Board  
 Application Tooling Part Link 62100-5300  
 Comments Power Connector  
 Overview [EXTreme ZPower™](#)  
 Product Name EXTreme ZPower™  
 UPC 822350555302

**Physical**

(p)ower-(s)ignal Configuration 1p - 0s  
 Breakaway No  
 Circuits (Loaded) 2  
 Circuits (maximum) 2  
 Durability (mating cycles max) 5  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant 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 Tray  
 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  
 Shrouded No  
 Stackable No



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**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**

[76001Series](#)

**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="#">0621005300</a>

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Compliant Pin

**Electrical**

Current - Maximum per Contact	50A
Voltage - Maximum	250V

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

Application Specification	AS-76001-001
Product Specification	PS-76001-999
Sales Drawing	SD-76001-001

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