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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:

[3D Model](#) [Packaging Specification PK-76001-901 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

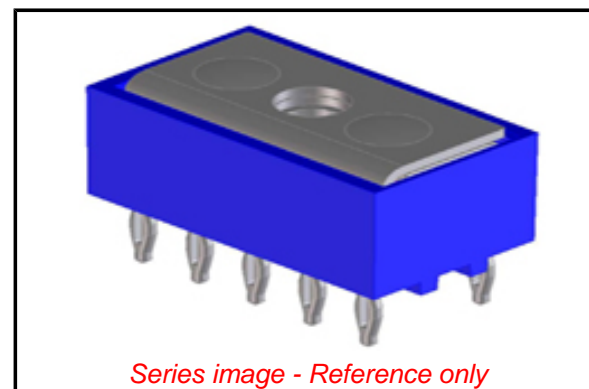
CSA LR19980
 UL E29179

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™ Connectors](#)
 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
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/21/2016 (20 June
 2016)

Halogen-Free

Status

Low-Halogen

**Need more information on product
 environmental compliance?**

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS
 ELV

Green Image
 Not Relevant

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 [0621005300](#)

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

Packaging Specification PK-76001-901

Sales Drawing SD-76001-001

This document was generated on 07/15/2016

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