

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [76001-0006](#)
Status: **Active**
Overview: [EXTreme ZPower™](#)
Description: 10.30mm EXTreme ZPower™ Connector, 6 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

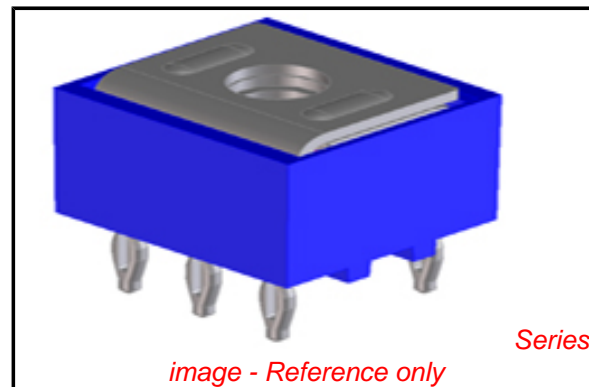
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [76001](#)
 Application Board-to-Board, Power, Wire-to-Board
 Application Tooling Part Link 621005300
 Comments Power Connector
 Overview [EXTreme ZPower™](#)
 Product Name EXTreme ZPower™
 UPC 822350555289

Physical

(p)ower-(s)ignal Configuration 2p - 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, 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 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
 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

Extraction Tool, [621005300](#)

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

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	30A
Voltage - Maximum	250V

Material Info**Reference - Drawing Numbers**

Application Specification	AS-76001-001
Product Specification	PS-76001-999
Sales Drawing	SD-76001-002

This document was generated on 10/19/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION