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Part Number: <u>0760010006</u>

Status: Active

Overview: <u>extreme\_zpower</u>

Description: 10.30mm (.405") EXTreme ZPower™ Connector, 6 Press-Fit Tails,Select Gold(Au)

Plating, for 3.18mm (.125") Thick PC Board

**Documents:** 

3D Model Application Specification AS-76001-001 (PDF)
Drawing (PDF) RoHS Certificate of Compliance (PDF)

General

Product Family PCB Headers Series 76001

Application Board-to-Board, Power, Wire-to-Board

Application Tooling Part Link621005300CommentsPower ConnectorOverviewextreme zpowerProduct NameEXTreme ZPower™

**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 Glow-Wire Compliant Nο Guide to Mating Part Nο Keying to Mating Part N/A Lock to Mating Part

Material - Metal Copper-Nickel-Silicon, Stainless Steel

Material - Plating MatingGoldMaterial - Plating TerminationTinNumber of Rows2OrientationVerticalPC Tail Length3.90mm (.154")PCB LocatorNo

PCB Retention Yes

PCB Thickness - Recommended 2.36mm (.093")

Packaging Type Tray

 Pitch - Mating Interface
 6.00mm (.236")

 Pitch - Termination Interface
 3.18mm (.125")

 Plating min - Mating
 0.762µm (30µ")

 Plating min - Termination
 2.540µm (100µ")

Polarized to Mating Part

Polarized to Mating Part

Polarized to PCB

No
Shrouded

No
Stackable

No
Surface Mount Compatible (SMC)

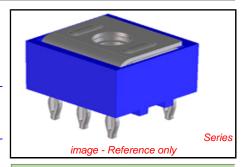
Yes

Temperature Range - Operating -40°C to +105°C

Termination Interface: Style Through Hole - Compliant Pin

**Electrical** 

Current - Maximum per Contact 30A Voltage - Maximum 250V



China RoHS

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed

Not Reviewed

Low-Halogen Status

Low-Halogen

Need more information on product environmental compliance?

Email <u>productcompliance@molex.com</u>
For a multiple part number RoHS Certificate of Compliance, <u>click here</u>

Please visit the <u>Contact Us</u> section for any non-product compliance questions.

Search Parts in this Series

<u>76001</u>Series

**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

DescriptionProduct #Z-Power Extraction0621005300Tool

## **Material Info**

Reference - Drawing Numbers
Application Specification
Sales Drawing

AS-76001-001 SD-76001-002

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