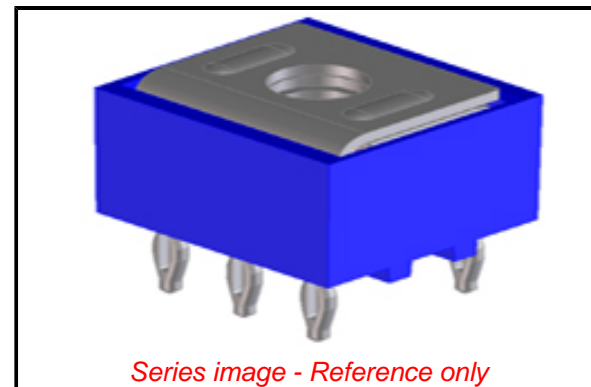


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Part Number: [0760010006](#)
Status: **Active**
Overview: EXTreme ZPower Connectors
Description: 10.30mm EXTreme ZPower Connector, 6 Press-Fit Tails, Select Gold(Au) Plating, for 3.18mm Thick PC Board

Documents:

3D Model	Application Specification AS-76001-001-001 (PDF)
3D Model (PDF)	Packaging Specification PK-76001-901-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-76001-999-001 (PDF)	



Agency Certification

CSA	LR19980
UL	E29179

Application tooling part link

Application Tooling Part Link	62100-5300
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General

Product Family	PCB Headers
Series	76001
Application	Board-to-Board, Power, Wire-to-Board
Comments	Power Connector
Component Type	PCB Header
Overview	EXTreme ZPower Connectors
Product Name	EXTreme ZPower
Taxonomy	Board-to-Board Connectors
UPC	822350555289

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, 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	Tube
Pitch - Mating Interface	6.00mm
Pitch - Termination Interface	3.18mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

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](#)

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	621005300
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Polarized to Mating Part	Yes
Polarized to PCB	No
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	30.0A
Voltage - Maximum	250V

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-76001-002-001

This document was generated on 04/03/2023

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