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

Agency Certification

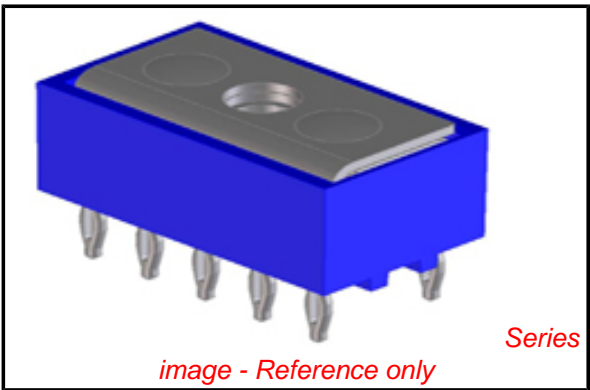
CSA	LR19980
TUV	30683046
UL	E29179

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™

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
Material - Plating Mating	Gold
Material - Plating Termination	Tin
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



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Low-Halogen



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

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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