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

Agency Certification

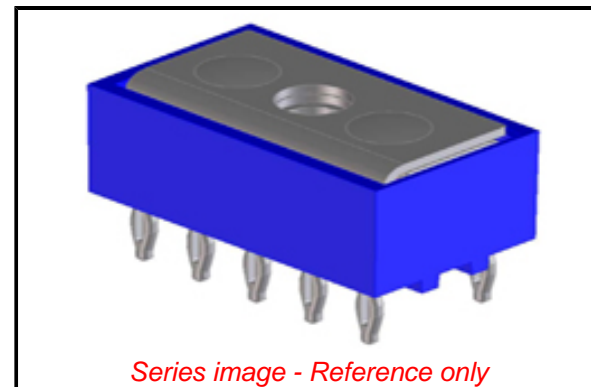
CSA	LR19980
UL	E29179

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)	1
Circuits (maximum)	1
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



EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

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

Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 50.0A
Voltage - Maximum 250V

Solder Process Data

Lead-freeProcess Capability N/A

Material Info

Reference - Drawing Numbers

Application Specification AS-76001-001-001
Packaging Specification PK-76001-901
Product Specification PS-76001-999-001
Sales Drawing SD-76001-001

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