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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

Series image - Reference only

Documents:

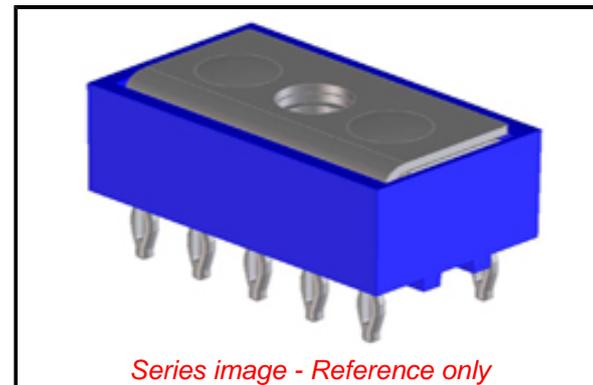|	
3D Model	Application Specification AS-76001-001-001 (PDF)
Drawing (PDF)	Packaging Specification PK-76001-901 (PDF)
Product Specification PS-76001-999-001 (PDF)	RoHS Certificate of Compliance (PDF)

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)	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
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   **China RoHS**
Compliant
REACH SVHC
Not Contained Per
-ED/01/2017 (12
January 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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