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Part Number: <u>0760010010</u>

Status: Active
Overview: extreme zpower

Description: 10.30mm (.405") EXTreme ZPower™ Connector, 10 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)

Agency Certification

CSA LR19980 TUV 30683046 UL E29179

General

Product Family PCB Headers Series 76001

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

Physical

(p)ower-(s)ignal Configuration 2p - 0s Breakaway Νo Circuits (Loaded) 2 Circuits (maximum) 2 Durability (mating cycles max) 5 First Mate / Last Break No Flammability 94\/-0 Glow-Wire Compliant No Guide to Mating Part Nο 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 (.154")

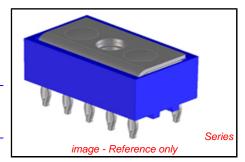
PCB Locator No PCB Retention Yes

PCB Thickness - Recommended 2.36mm (.093")
Packaging Type Tray
Pitch - Mating Interface 6.00mm (.236")
Pitch - Termination Interface 3.18mm (.125")

 $\begin{array}{lll} \mbox{Pitch - Mating Interface} & 6.00\mbox{mm } (.236") \\ \mbox{Pitch - Termination Interface} & 3.18\mbox{mm } (.125") \\ \mbox{Plating min - Mating} & 0.762\mbox{μm } (30\mbox{μ"}) \\ \mbox{Plating min - Termination} & 2.540\mbox{μm } (100\mbox{μ"}) \\ \mbox{Polarized to Mating Part} & \mbox{Yes} \end{array}$

Polarized to PCB No
Shrouded No
Stackable No
Surface Mount Compatible (SMC) Yes

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



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
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 Extraction0621005300

Tool

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 Sales Drawing SD-76001-001

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