Part Number : 760010006

Product Description : 10.30mm EXTreme ZPower Connector, 6 Press-Fit Tails, Select Gold(Au) Plating, for 3.18mm Thick PC Board

Series Number : 76001

Status : Active

Product Category : Board-to-Board Connectors

Documents & Resources

Drawings

Drawing_760010006_sd.pdf

Packaging Design Drawing_PK-76001-901-001.pdf

3D Models and Design Files

3D Model_760010006_stp.zip

Specifications

Application Specification_AS-76001-001-001.pdf

Product Specification_PS-76001-999-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Board-to-Board Connectors
Series	76001
Description	10.30mm EXTreme ZPower Connector, 6 Press-Fit Tails, Select Gold(Au) Plating, for 3.18mm Thick PC Board
Application	Board-to-Board, Power, Wire-to-Board
Comments	Power Connector
Component Type	PCB Header
Product Family	EXTreme ZPower Connectors
Product Name	EXTreme ZPower
UPC	822350555289

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	30.0A
Voltage - Maximum	250V

Physical

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
Packaging Type	Tube
PC Tail Length	3.90mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
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
(p)ower-(s)ignal Configuration	1p - 0s
Shrouded	No
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Application Tooling

Global

Description	Part Number
Z-Power Extraction Tool	621005300