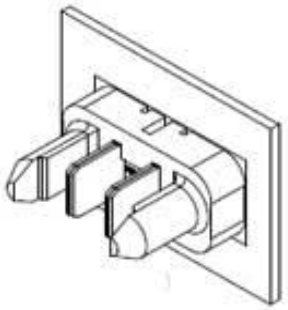
Part Number : 765461129
Series Number : 76546
Status : Active - Proprietary
Product Category : Board-to-Board Connectors



Drawings

765461129_sd.pdf

765461129_stp.zip

Specifications

AS-46436-100-001.pdf

PS-46436-100-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active - Proprietary
Category	Board-to-Board Connectors
Series	76546
Description	2.50mm, 7.50mm Pitch EXTreme Ten60Power Vertical Plug Assembly, 2 Power Circuits
Application	Board-to-Board
Component Type	PCB Header
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	884982271463

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A, 60.0A

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No

Guide to Mating Part	Side, Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	3.497/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
PC Tail Length	3.10mm
Pitch - Mating Interface	2.50mm, 7.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	2p - 0s
Termination Interface Style	Solder or Weld, Through Hole

Solder Process Data

Max-Duration	40
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	3
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
2.50mm, 3.00mm Pitch EXTreme Ten60Power Vertical Receptacle Assembly with Guide Receivers, 2 Power Circuits	465621129