Part Number : 1710898401
Product Description : EXTreme Ten60Power Vertical Receptacle with Guides, 1 Split Power Circuit, Press Fit Tail
Series Number : 171089
Status : Active
Product Category : Board-to-Board Connectors



Documents and Resources

Drawings

1710898401_sd.pdf

1710891001-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-171088-0000-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

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- 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
Category	Board-to-Board Connectors
Series	171089
Description	EXTreme Ten60Power Vertical Receptacle with Guides, 1 Split Power Circuit, Press Fit Tail
Application	Board-to-Board, Power
Component Type	PCB Receptacle, Receptacle
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	195842733817

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	30.0A
Voltage - Maximum	600V

Physical

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Circuits (Loaded)	1
Circuits (maximum)	1
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Side, Yes
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	16.13mm
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	5.093/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
PC Tail Length	2.83mm
Pitch - Mating Interface	8.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	1sp - 0s
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Right-Angle	1710888401

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Plug with Guides, 1 Split Power Circuit, Press Fit Tail	

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