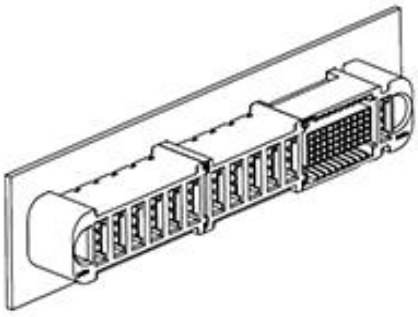
Part Number : 1710890024
Series Number : 171089
Status : Active - Proprietary
Product Category : Board-to-Board Connectors



Drawings

1710890024_sd.pdf

PK-171089-0001-001.pdf

Specifications

AS-46436-100-001.pdf

PS-171088-0000-001.pdf

PS-46436-100-001.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

- 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	171089
Description	EXTreme Ten60SplitPower Board-to-Board Vertical Receptacle Assembly with Guides, 1 Power Circuit, 50 Signal Circuits, 5 Split Power Circuits, 6 Split Power Circuits
Application	Board-to-Board, Power, Signal
Component Type	PCB Receptacle, Receptacle
Keyword	Ten60
Product Name	EXTreme Ten60Power
UPC	887191314488

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	2.5A, 60.0A
Voltage - Maximum	600V

Physical

Circuits (Loaded)	62
Circuits (maximum)	62
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
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	33.190/g
Number of Rows	1, 5
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Pitch - Mating Interface	2.00mm, 5.50mm, 7.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Compliant Pin

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme Ten60Power Right-Angle Plug Assemblies	171088