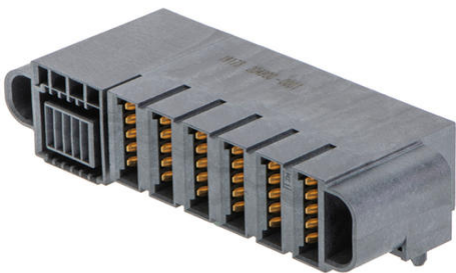




Part Number : [2049000002](#)
Product Description : EXTreme EnergetiC Modular Right-Angle Receptacle Assembly, 29 Circuits (25 Signal/4 Power) with Solder Tail Mounting, with Guide
Series Number : 204900
Status : Active
Product Category : Board-to-Board Connectors



Documents & Resources

Drawings

[2049000002_sd.pdf](#)
[2049000000-PK-000.pdf](#)

3D Models and Design Files


[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)
[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[PS-172185-0001-001.pdf](#)
[1721850001-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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(2024)6225-DC (07 Nov 2024)
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
Category	Board-to-Board Connectors
Series	204900
Description	EXTreme EnergetiC Modular Right-Angle Receptacle Assembly, 29 Circuits (25 Signal/4 Power) with Solder Tail Mounting, with Guide
Application	Board-to-Board, Power, Signal
Component Type	PCB Receptacle
Product Name	EXTreme EnergetiC
UPC	193264205882

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	100.0A
Voltage - Maximum	600V AC/DC

Physical

Circuits (Loaded)	29
Circuits (maximum)	29
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	37.523/g
Number of Rows	5
Orientation	Right Angle
Packaging Type	Tray
PCB Retention	None
PCB Thickness - Recommended	1.58mm
PC Tail Length	2.70mm, 2.74mm
Pitch - Mating Interface	2.00mm, 7.65mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
(p)ower-(s)ignal Configuration	4p - 25s
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
EXTreme EnergetiC Modular Right-Angle Plug Assembly, 29 Circuits (25 Signal/4 Power) with Solder Tail Mounting, with Guide	<u>1721850002</u>
EXTreme EnergetiC Modular Right-	

Angle Plug Assembly, 29 Circuits (25 Signal/4 Power) with Press-Fit Tails, with Guide	<u>1721850013</u>
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This document was generated on Sep 22, 2025