



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

[Drawing 2049000002_sd.pdf](#)

[Packaging Design Drawing 2049000000-PK-000.pdf](#)

3D Models and Design Files

[3D Model 2049000002_stp.zip](#)


Specifications

[Product Specification PS-172185-0001-001.pdf](#)

[Test Summary 1721850001-TS-000.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	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 Family	EXTreme EnergetiC High-Current Connector System
Product Name	EXTreme EnergetiC
UPC	193264205882

Agency

UL	E29179
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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
PC Tail Length	2.70mm, 2.74mm
PCB Retention	None
PCB Thickness - Recommended	1.58mm
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>