

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **2049000008**
Status: **Active**
Overview: EXTreme EnergetiC High-Current Connector System
Description: EXTreme EnergetiC Modular Right-Angle Receptacle Assembly, 29 Circuits (2 Power/25 Signal/2 Power) with Solder Tail Mounting, without Guide

Documents:

Drawing (PDF)	Test Summary 1721850001-TS-000 (PDF)
Product Specification PS-172185-0001-001 (PDF)	Datasheet (PDF)
Packaging Specification 2049000000-PK-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Receptacles
Series	204900
Application	Board-to-Board, Power, Signal
Overview	EXTreme EnergetiC High-Current Connector System
Product Name	EXTreme EnergetiC
UPC	193264207657

Physical

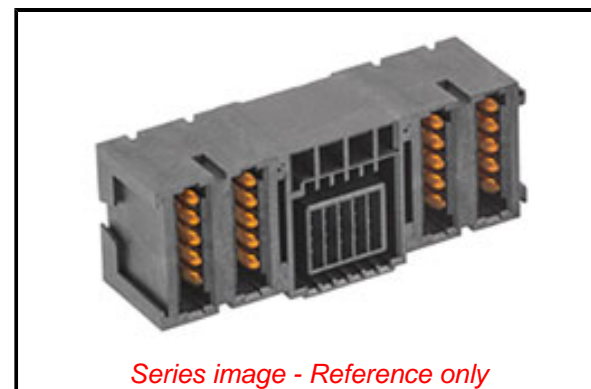
(p)ower-(s)ignal Configuration	2p - 25s - 2p
Circuits (Loaded)	29
Circuits (maximum)	29
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	35.981/g
Number of Rows	5
Orientation	Right Angle
PC Tail Length	2.70mm, 2.74mm
PCB Retention	None
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

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

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[204900 Series](#)

Mates With

[EXTreme EnergetiC PCB Header](#)
[1721850008](#)

Packaging Specification
Product Specification
Sales Drawing
Test Summary

2049000000-PK-000
PS-172185-0001-001
2049000008-000
1721850001-TS-000

This document was generated on 02/03/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION