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Part Number: [2049000002](#)
Status: **Active**
Overview: EXTreme EnergetiC High-Current Connector System
Description: EXTreme EnergetiC Modular Right-Angle Receptacle Assembly, 29 Circuits (25 Signal/4 Power) with Solder Tail Mounting, with Guide

Documents:

3D Model	Packaging Specification 2049000000-PK-000 (PDF)
3D Model (PDF)	Test Summary 1721850001-TS-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-172185-0001-001 (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	193264205882

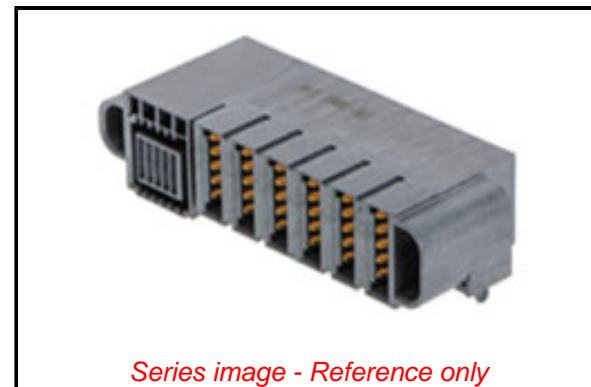
Physical

(p)ower-(s)ignal Configuration	4p - 25s
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
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



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
[1721850002](#) , [1721850013](#)

Reference - Drawing Numbers

Packaging Specification

2049000000-PK-000

Product Specification

PS-172185-0001-001

Sales Drawing

2049000001-000

Test Summary

1721850001-TS-000

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