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Part Number:

2049000002

Status:

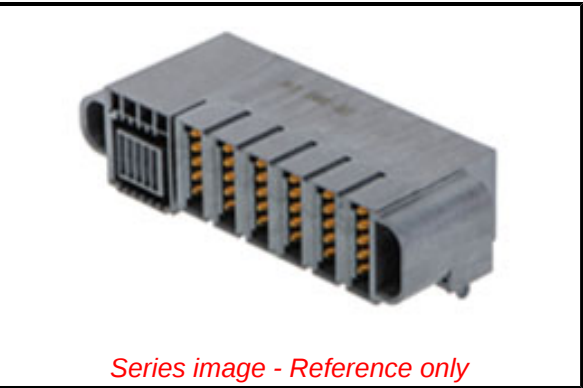
Active

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



Series image - Reference only

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	

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	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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