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Part Number:

1721850010

Status:

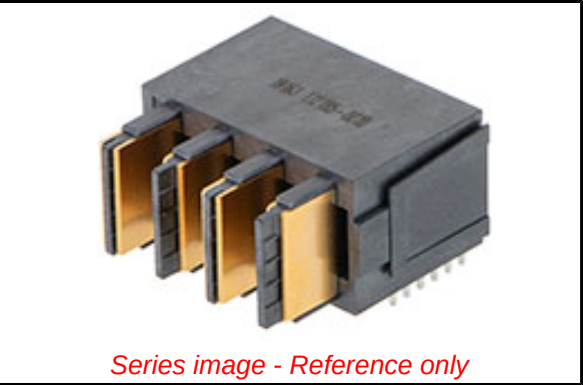
Active

Overview:

EXTreme EnergetiC High-Current Connector System

Description:

EXTreme EnergetiC Modular Right-Angle Plug Assembly, 4 Power Circuits with Solder Tail Mounting, without Guide



Documents:	
3D Model (PDF)	Test Summary 1721850000-TS-000 (PDF)
3D Model	Test Summary 1721850001-TS-000 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification PS-172185-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-172185-0003-001 (PDF)	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	172185
Application	Board-to-Board, Power
Component Type	PCB Header
Overview	EXTreme EnergetiC High-Current Connector System
Product Name	EXTreme EnergetiC
Taxonomy	Board-to-Board Connectors
UPC	889056260312
Physical	
(p)ower-(s)ignal Configuration	4p - 0s
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	30.304/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.71mm
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

172185 Series

Mates With

EXTreme EnergetiC PCB Receptacle

1721860010 , 2049000010 , 2049000016

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	003
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-172185-0003-001
Product Specification	PS-172185-0001-001
Sales Drawing	SD-172185-0009-001
Test Summary	1721850000-TS-000, 1721850001-TS-000

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