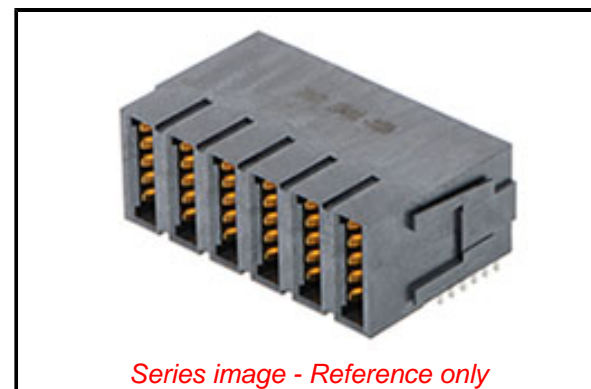


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **2049000010**  
**Status:** **Active**  
**Overview:** EXTreme EnergetiC High-Current Connector System  
**Description:** EXTreme EnergetiC Modular Right-Angle Receptacle Assembly, 4 Power Circuits with Solder Tail Mounting, without Guide

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 2049000000-PK-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary 1721850001-TS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-172185-0001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	PCB Receptacles
Series	204900
Application	Board-to-Board, Power
Overview	EXTreme EnergetiC High-Current Connector System
Product Name	EXTreme EnergetiC
UPC	193264208111

**Physical**

(p)ower-(s)ignal Configuration	4p - 0s
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	200
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	26.725/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.70mm
PCB Retention	None
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

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	2049000000-PK-000
Product Specification	PS-172185-0001-001
Sales Drawing	2049000009-000

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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  
1721850010 , 1721850016

This document was generated on 10/23/2020

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