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Part Number: [171097-7250](#)
Status: **Active**
Description: EXTreme EnergetiC™ Right-Angle Plug Assembly, 31 Circuits (25 Signal/6 Power) with Pegs and with Compliant Tails

Documents:
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [171097](#)
Application Board-to-Board, Power, Signal
Product Name EXTreme EnergetiC™
UPC 887191194929

Physical

(p)ower-(s)ignal Configuration 25s - 6p
Breakaway No
Circuits (Loaded) 31
Circuits (maximum) 31
Color - Resin Black
Durability (mating cycles max) 100
First Mate / Last Break Yes
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Gold over Nickel
Material - Resin High Temperature Thermoplastic
Net Weight 49.771/g
Number of Rows 5
Orientation Right Angle
PC Tail Length 2.10mm, 2.71mm
PCB Thickness - Recommended 1.58mm
Packaging Type Tray
Pitch - Mating Interface 2.00mm, 6.50mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole - Compliant Pin

Electrical

Current - Maximum per Contact 100A
Voltage - Maximum 320V

Material Info

Reference - Drawing Numbers

Sales Drawing SD-171097-0100

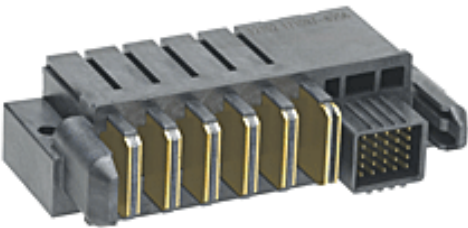


image - Reference only **Series**

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[171097Series](#)

Mates With
[171098](#) EXTreme EnergetiC™ PCB Receptacle