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Part Number: [0015244441](#)
Status: **Active**
Overview: [Disk Drive Power Connector](#)
Description: 5.08mm Pitch Disk Drive Power Connection System Header, Right Angle, Through Hole, 4 Circuits, Lead-Free, 3.56mm PC Tail Length, with PCB Locator Peg

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Packaging Specification PK-8981-1000 \(PDF\)](#)
[Packaging Specification PK-8981-2000 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

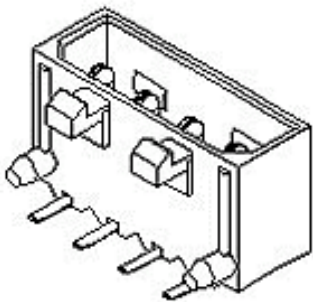
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [8981](#)
Application Power, Wire-to-Board
Overview [Disk Drive Power Connector](#)
Product Name Disk Drive Power
UPC 822348643677

Physical

Breakaway No
Circuits (Loaded) 4
Circuits (maximum) 4
Color - Resin Natural
Durability (mating cycles max) 50
First Mate / Last Break No
Flammability 94V-2
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 1.671/g
Number of Rows 1
Orientation Right Angle
PC Tail Length 3.56mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness - Recommended 1.60mm
Packaging Type Tray
Pitch - Mating Interface 5.08mm
Plating min - Mating 2.540µm
Plating min - Termination 2.540µm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Relevant

Search Parts in this Series

[8981](#) Series

Mates With

[15-24-4048](#) Disk Drive Power Connection
System Female Crimp Housing

Electrical

Current - Maximum per Contact	6.5A
Voltage - Maximum	250V AC

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	265

Material Info

Engineering Number	A-8981-4R-1-LF
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Reference - Drawing Numbers

Packaging Specification	PK-8981-1000, PK-8981-2000
Sales Drawing	SD-8981-4R1

This document was generated on 12/26/2016

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