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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](#) [Packaging Specification PK-8981-2000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-8981-1000 \(PDF\)](#)

**Agency Certification**

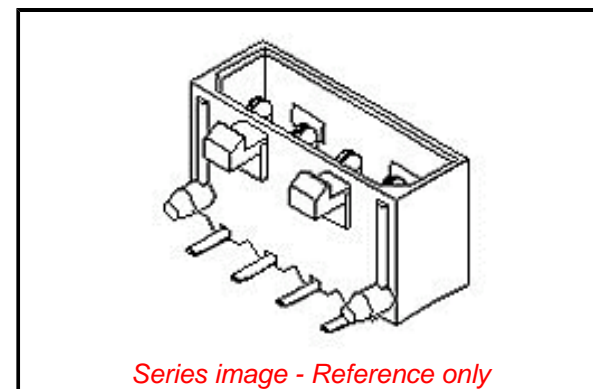
CSA LR19980  
 UL E29179

**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**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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-free Process Capability WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 265

**Material Info**

Engineering Number A-8981-4R-1-LF

**Reference - Drawing Numbers**

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

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