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**Part Number:** [0015244745](#)  
**Status:** **Active**  
**Overview:** Disk Drive Power Connector  
**Description:** 5.08mm Pitch Disk Drive Power Connection System Header, Vertical, Through Hole, 4 Circuits, Lead-Free, 3.58mm PC Tail Length, without PCB Locator Peg

**Documents:**

[3D Model](#) [Packaging Specification PK-8981-3000 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-8981-1000 \(PDF\)](#)

**Agency Certification**

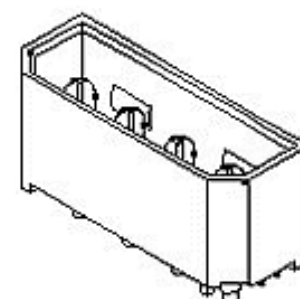
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [8981](#)  
 Application Power, Wire-to-Board  
 MolexKits Yes  
 Overview [Disk Drive Power Connector](#)  
 Product Name Disk Drive Power  
 UPC 822348644537

**Physical**

Breakaway No  
 Circuits (Loaded) 4  
 Circuits (maximum) 4  
 Color - Resin Black  
 Durability (mating cycles max) 25  
 First Mate / Last Break No  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Mated Height 24.00mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 1.734/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.58mm  
 PCB Locator No  
 PCB Retention None  
 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 No  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) Yes



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**

**Not 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 Green Image  
 ELV Not Relevant  
 RoHS Phthalates Not Contained

**Search Parts in this Series**

[8981 Series](#)

**Mates With**

[15-24-4048 \(89814P\)](#) Disk Drive Power  
 Connection System Female Crimp Housing  
 with Terminal [02-08-1201 \(8980-3C\)](#) or  
[02-08-1202 \(8980-3L\)](#)

Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010  
Lead-free Process Capability SMC&WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 265

**Material Info**

Engineering Number A-8981-4V5-LF

**Reference - Drawing Numbers**

Packaging Specification PK-8981-1000, PK-8981-3000  
Sales Drawing SD-8981-4V5

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