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Part Number: [15-24-4742](#)
Status: **Active**
Overview: Disk Drive Power Connector
Description: 5.08mm Pitch Disk Drive Power Connection System Header, Vertical, Through Hole, 4 Circuits, Lead-Free, 2.12mm PC Tail Length, with PCB Locator Peg

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

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 822348644513

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 1.918/g
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 2.12mm
 PCB Locator Yes
 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 Yes
 Shrouded Fully
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +105°C

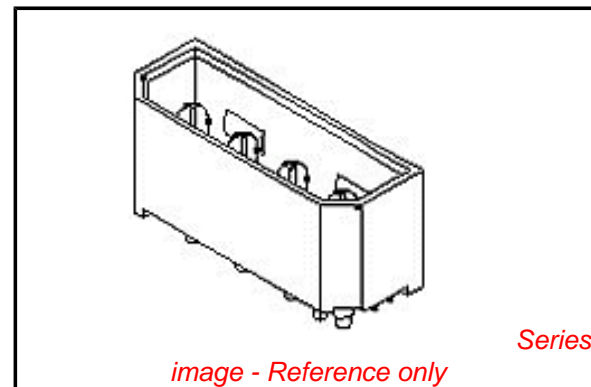


image - Reference only

EU RoHS

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

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

[8981Series](#)

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)

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) 10
Lead-free Process Capability SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 265

Material Info

Old Part Number A-8981-4V6-LF

Reference - Drawing Numbers

Sales Drawing SD-8981-4V6

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