

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

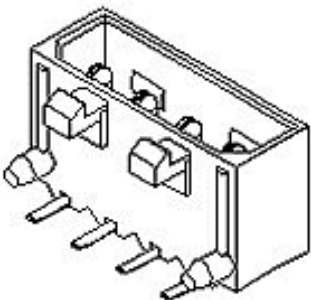
CSA	LR19980
UL	E29179

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
--------------------	----------------

Reference - Drawing Numbers

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

This document was generated on 12/26/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

15-24-4441