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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

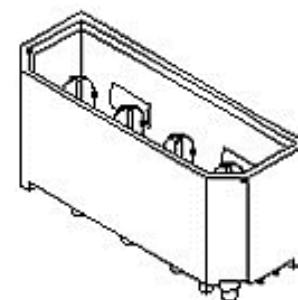
CSA	LR19980
UL	E29179

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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

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

Old Part 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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