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Part Number:

0015244745

Status:

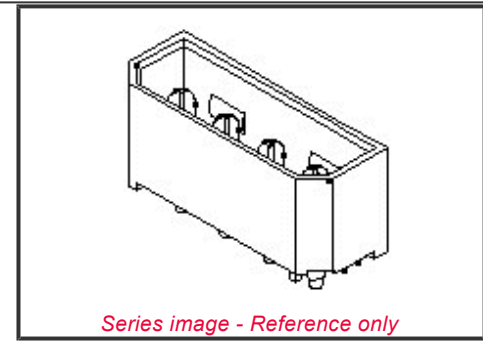
Active

Overview:

Disk Drive Power Connector

Description:

5.08mm (.200") Pitch Disk Drive Power Connection System Header, Vertical, Through Hole, 4 Circuits, Lead-free, 3.58mm (.141") PC Tail Length, without PCB Locator Peg



Documents: *Note - Please disable browser pop-up blockers for documents on www.molex.com*

[Drawing \(PDF\)](#)

[Product Specification PS-8981-4V4/4R1-P \(PDF\)](#)

[3D Model](#)

EU RoHS
ELV and RoHS
Compliant

China RoHS



REACH SVHC
Not Reviewed

Halogen-Free
Status
Not Halogen-Free

Need more information on product environmental compliance?Email productcompliance@molex.comFor 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**[15244048](#) (8981-4P) Disk Drive Power Connection System Female Crimp Housing with Terminal [02081201](#) (8980-3C) or [02081202](#) (8980-3L)**Order Products:****Part Detail: ([show all](#))**[General](#)[Physical](#)[Electrical](#)[Agency Certification](#)[Solder Process Data](#)[Material Info](#)[Reference - Drawing Numbers](#)**General**

Product Family	PCB Headers
Series	8981
Application	Wire-to-Board
Overview	Disk Drive Power Connector
Product Name	Disk Drive Power

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 (in)	0.944 In
Mated Height (mm)	23.99 mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.141 In
PC Tail Length (mm)	3.58 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.200 In
Pitch - Mating Interface (mm)	5.08 mm
Plating min: Mating (μ in)	101.6
Plating min: Mating (μ m)	2.54
Plating min: Termination (μ in)	101.6
Plating min: Termination (μ m)	2.54
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

Electrical(Please review the Product Specification for specific details.)

Current - Maximum per Contact 10A

Voltage - Maximum 250V

Agency Certification

CSA LR19980

UL E29179

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-8981-4V5-LF

Reference - Drawing Numbers

Product Specification PS-8981-4V4/4R1-P

Sales Drawing SD-8981-4V5