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Part Number: [0015244557](#)
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, 2.12mm (.083") PC Tail Length, without PCB Locator Peg

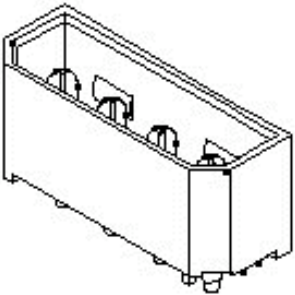
Documents:
[3D Model](#) [Product Specification PS-8981-4V4/4R1-P \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

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)	0.083 In
PC Tail Length (mm)	2.12 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 (µin)	101.6
Plating min: Mating (µm)	2.54
Plating min: Termination (µin)	101.6
Plating min: Termination (µm)	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



Series

image - Reference only

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

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
[15244048](#) (8981-4P) Disk Drive Power Connection System Female Crimp Housing with Terminal [02081201](#) (8980-3C), [02081202](#) (8980-3L)

Termination Interface: Style	Through Hole
Electrical	
CSA	LR19980
Current - Maximum	10A
UL	E29179
Voltage - Maximum	250V
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-8981-4V4-LF
Reference - Drawing Numbers	
Product Specification	PS-8981-4V4/4R1-P
Sales Drawing	SD-8981-4V4

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