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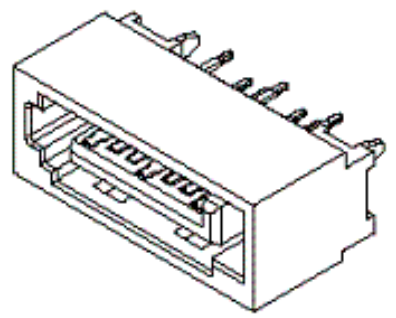
Part Number: 67800-8001

Status: Active

Overview: Serial ATA Products

Description: 1.27mm Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, Gold (Au) Flash, for 1.60mm PCB, Black, Footprint A, with PCB Locator Tabs, Lead-Free



Series

image - Reference only

Documents:

3D Model
Drawing (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	67800
Application	Board-to-Board, Signal, Wire-to-Board
Comments	In-line Solder Pin|Footprint A
Overview	Serial ATA Products
Product Name	Serial ATA
UPC	822348668830

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.908/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.45mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.051µm
Plating min - Termination	1.905µm
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No

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
67800Series

Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	15V

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	255

Material Info

Reference - Drawing Numbers

Electrical Model Document	EE-67800-001
Product Specification	RPS-67800-001
Sales Drawing	SD-67800-008

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