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Part Number:

0678005025

Status:

Active

Overview:

Serial ATA Products

Description:

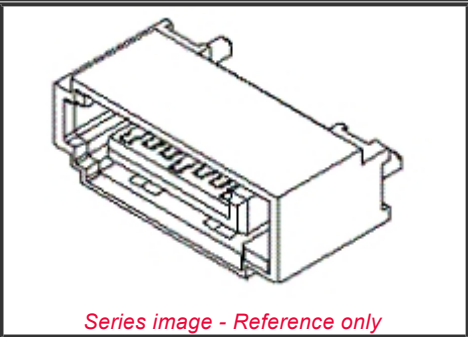
1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Surface Mount, with Locking Latch, 7 Circuits, 0.38μm (15μ") Gold (Au) Plating, for 2.40mm (.094") PCB, with PCB Locator Pegs, Lead-free

Documents:

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Drawing (PDF)

3D Model



EU RoHS
ELV and RoHS
Compliant

REACH SVHC
Not Reviewed

**Halogen-Free
Status**
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com

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[67800](#)Series

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General

Product Family	PCB Headers
Series	67800
Application	Board-to-Board, Wire-to-Board
Comments	Staggered Solder Pin, Metal Post Length 3.45mm (.136")
Overview	Serial ATA Products
Product Name	Serial ATA

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	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Tray
Pitch - Mating Interface (in)	0.050 In
Pitch - Mating Interface (mm)	1.27 mm
Pitch - Term. Interface (in)	0.050 In
Pitch - Term. Interface (mm)	1.27 mm
Plating min: Mating (µin)	15
Plating min: Mating (µm)	0.38
Plating min: Termination (µin)	75
Plating min: Termination (µm)	1.9
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Surface Mount

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

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

Agency Certification

CSA	LR 19980
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Solder Process Data

Lead-free Process Capability	Reflow Capable (SMT only)
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Material Info

Reference - Drawing Numbers

Sales Drawing	SD-67800-005
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