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Part Number: **0678005003**

Status: **Active**

Overview: Serial ATA Connectors and Cable Assemblies

Description: 1.27mm Pitch Serial ATA High Speed Header, Vertical, Surface Mount, with Locking Latch, 7 Circuits, 0.38µm Gold (Au)Plating, for 1.60mm PCB, with PCB Locator Pegs, Lead-Free, Blue

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-67491-001-001 \(PDF\)](#)

[Packaging Specification PK-67800-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

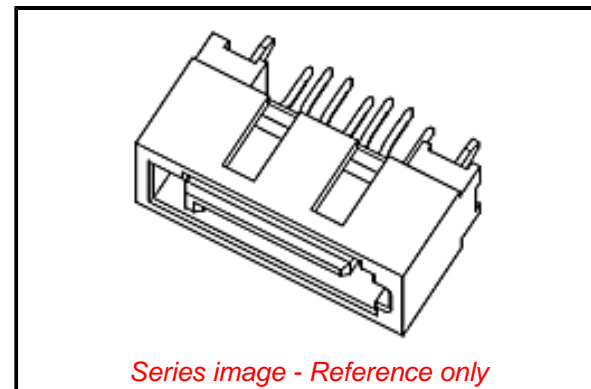
CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [67800](#)
Application Board-to-Board, Signal, Wire-to-Board
Comments Staggered Solder Pin|Metal Post Length 2.65mm
Overview [Serial ATA Connectors and Cable Assemblies](#)
Product Name Serial ATA
UPC 191128091862

Physical

Breakaway No
Circuits (Loaded) 7
Circuits (maximum) 7
Color - Resin Blue
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
Net Weight 0.853/g
Number of Rows 1
Orientation Vertical
PCB Locator Yes
PCB Retention Yes
Packaging Type Tray
Pitch - Mating Interface 1.27mm
Pitch - Termination Interface 1.27mm
Plating min - Mating 0.381µm
Plating min - Termination 1.905µm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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 Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

[67800 Series](#)

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	003
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	255

Material Info**Reference - Drawing Numbers**

Electrical Model Document	EE-67800-002
Packaging Specification	PK-67800-001
Product Specification	PS-67491-001-001
Sales Drawing	SD-67800-005

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