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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:

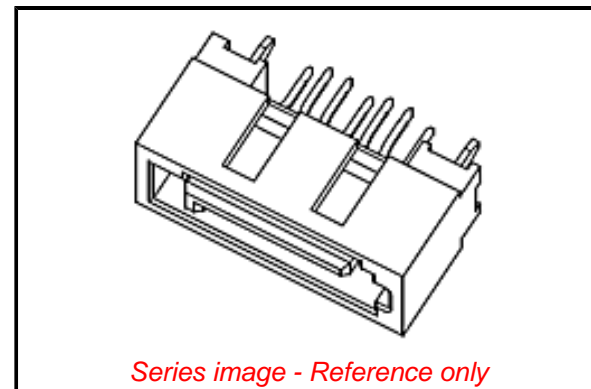
[3D Model](#)

[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

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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