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Part Number: [0678005011](#)

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, Gold (Au) Flash Plating, for 1.60mm PCB, with PCB Locator Pegs, Lead-Free

Documents:

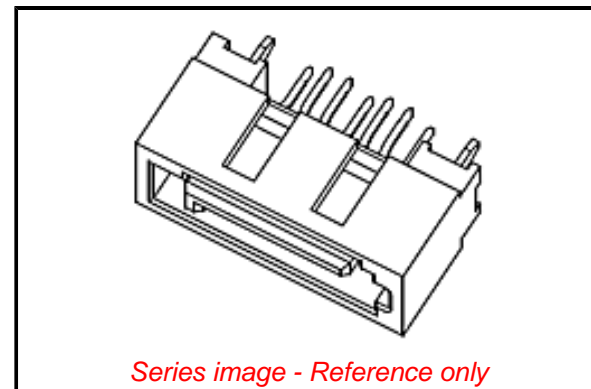
[3D Model](#)

[Drawing \(PDF\)](#)

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

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

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



Series image - Reference only

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 3.05mm |
| Overview | Serial ATA Connectors and Cable Assemblies |
| Product Name | Serial ATA |
| UPC | 822350077637 |

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 |
| Net Weight | 0.933/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 | 0.051µm |
| 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/01/2018 (15
January 2018)

Halogen-Free

Status

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

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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