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Part Number:

0678008051

Status:

Active

Overview:

serial\_ata\_products

Description:

1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, Gold (Au) Flash, for 2.00mm (.079") PCB, White, Footprint A, with PCB Locator Tabs, Lead-free

Documents:

3D Model

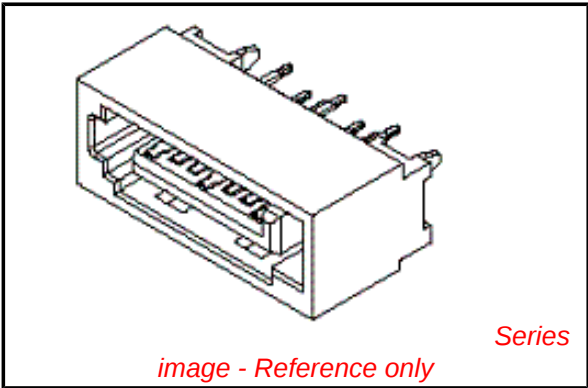
Drawing (PDF)

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                            |

| Physical                       |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 7              |
| Circuits (maximum)             | 7              |
| Color - Resin                  | White          |
| 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            |
| Number of Rows                 | 1              |
| Orientation                    | Vertical       |
| PC Tail Length                 | 2.85mm (.112") |
| PCB Locator                    | Yes            |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 2.00mm (.079") |
| Packaging Type                 | Tray           |
| Pitch - Mating Interface       | 1.27mm (.050") |
| Pitch - Termination Interface  | 1.27mm (.050") |
| Polarized to Mating Part       | Yes            |
| Shrouded                       | Fully          |
| Stackable                      | No             |
| Surface Mount Compatible (SMC) | No             |
| Temperature Range - Operating  | -55°C to +85°C |
| Termination Interface: Style   | Through Hole   |

| Electrical                    |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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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

|                                    |                        |
|------------------------------------|------------------------|
| Voltage - Maximum                  | 15V                    |
| <b>Solder Process Data</b>         |                        |
| Lead-free Process Capability       | Wave Capable (TH only) |
| <b>Material Info</b>               |                        |
| <b>Reference - Drawing Numbers</b> |                        |
| Sales Drawing                      | SD-67800-008           |

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