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Part Number:

67492-1451

Status:

Active

Overview:

Serial ATA Host Receptacles

Description:

1.27mm Pitch Serial ATA Host Receptacle, Right Angle, SMT, Mating Height 5.85mm, 0.76µm Gold (Au) Plating, 22 Circuits, with Cap, Tape on Reel, Lead-Free

Documents:

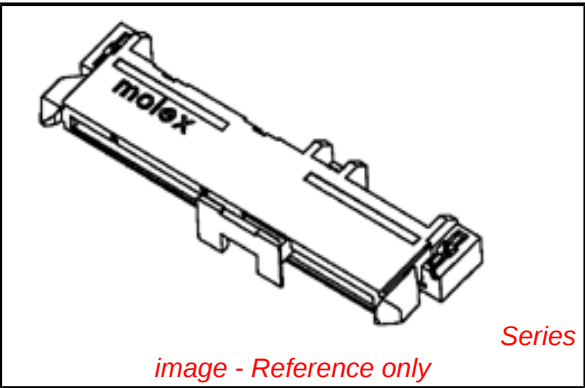
3D Model

Drawing (PDF)

Product Specification PS-67492-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                                                |                                |
|------------------------------------------------|--------------------------------|
| General                                        |                                |
| Product Family                                 | PCB Receptacles                |
| Series                                         | 67492                          |
| Application                                    | Board-to-Board, Signal         |
| Comments                                       | With Cap                       |
| Overview                                       | Serial ATA Host Receptacles    |
| Product Name                                   | Serial ATA                     |
| UPC                                            | 884982040991                   |
| Physical                                       |                                |
| Circuits (Loaded)                              | 22                             |
| Circuits (maximum)                             | 22                             |
| Color - Resin                                  | Black                          |
| Durability (mating cycles max)                 | 500                            |
| Glow-Wire Compliant                            | No                             |
| Guide to Mating Part                           | Yes                            |
| Keying to Mating Part                          | Yes                            |
| Lock to Mating Part                            | None                           |
| Material - Metal                               | Copper Alloy                   |
| Material - Plating Mating                      | Gold                           |
| Material - Plating Termination                 | Tin                            |
| Material - Resin                               | High Temperature Thermoplastic |
| Net Weight                                     | 2.479/g                        |
| Number of Rows                                 | 1                              |
| Orientation                                    | Right Angle                    |
| PCB Locator                                    | Yes                            |
| PCB Retention                                  | Yes                            |
| PCB Thickness - Recommended                    | 1.60mm                         |
| Packaging Type                                 | Embossed Tape on Reel          |
| Pitch - Mating Interface                       | 1.27mm                         |
| Pitch - Termination Interface                  | 1.27mm                         |
| Plating min - Mating                           | 0.762µm                        |
| Plating min - Termination                      | 1.270µm                        |
| Polarized to Mating Part                       | Yes                            |
| Polarized to PCB                               | Yes                            |
| Stackable                                      | No                             |
| Temperature Range - Operating                  | -35°C to +85°C                 |
| Termination Interface: Style                   | Surface Mount                  |
| Electrical                                     |                                |
| Current - Maximum per Contact                  | 1.5A                           |
| Voltage - Maximum                              | 15V DC                         |
| Solder Process Data                            |                                |
| Duration at Max. Process Temperature (seconds) | 3                              |
| Lead-free Process Capability                   | Reflow Capable (SMT only)      |



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)

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

67492Series

Mates With

87703 , 87672 Serial ATA Plugs

|                                         |     |
|-----------------------------------------|-----|
| Max. Cycles at Max. Process Temperature | 1   |
| Process Temperature max. C              | 255 |

**Material Info**

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-67492-001 |
| Sales Drawing         | SD-67492-001 |

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