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Part Number:

47362-2002

Status:

Active

Overview:

Serial ATA Host Receptacles

Description:

1.27mm Pitch Combo SATA Cable Connector, Right Angle Type, with Arris on both surface, with bumps, 0.38µm Gold (Au) Plating, 22 Circuits, Lead-Free

Documents:

3D Model

Drawing (PDF)

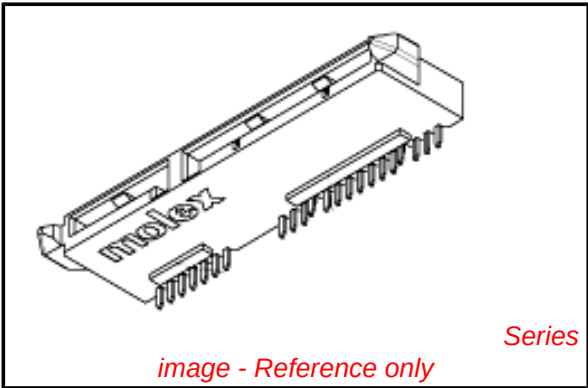
Product Specification PS-47362-001 (PDF)

RoHS Certificate of Compliance (PDF)

| General        |                             |
|----------------|-----------------------------|
| Product Family | I/O Connectors              |
| Series         | 47362                       |
| Application    | Wire-to-Board               |
| Comments       | Right Angle Type            |
| Component Type | Receptacle                  |
| Overview       | Serial ATA Host Receptacles |
| Product Name   | Serial ATA                  |
| Type           | N/A                         |
| UPC            | 822350669542                |

| Physical                       |                    |
|--------------------------------|--------------------|
| Boot Color                     | N/A                |
| Circuits (Loaded)              | 22                 |
| Circuits (maximum)             | 22                 |
| Circuits Detail                | Signal 7, Power 15 |
| Color - Resin                  | Black              |
| Durability (mating cycles max) | 50                 |
| Gender                         | Receptacle         |
| Keying to Mating Part          | Yes                |
| Lock to Mating Part            | Yes                |
| Material - Metal               | Copper Alloy       |
| Material - Plating Mating      | Gold               |
| Material - Plating Termination | Tin                |
| Net Weight                     | 1.922/g            |
| Number of Rows                 | 1                  |
| Orientation                    | Right Angle        |
| PCB Locator                    | No                 |
| PCB Retention                  | None               |
| PCB Thickness - Recommended    | 1.00mm             |
| Packaging Type                 | Tray               |
| Panel Mount                    | Yes                |
| Pitch - Mating Interface       | 1.27mm             |
| Pitch - Termination Interface  | 1.27mm             |
| Plating min - Mating           | 0.381µm            |
| Plating min - Termination      | 1.270µm            |
| Polarized to Mating Part       | Yes                |
| Polarized to PCB               | Yes                |
| Ports                          | 2                  |
| Surface Mount Compatible (SMC) | Yes                |
| Temperature Range - Operating  | -35°C to +85°C     |
| Termination Interface: Style   | Through Hole       |
| Waterproof / Dustproof         | No                 |
| Wire Size AWG                  | N/A                |

Electrical



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

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

47362Series

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

**Material Info**

**Reference - Drawing Numbers**

|                       |              |
|-----------------------|--------------|
| Product Specification | PS-47362-001 |
| Sales Drawing         | SD-47362-100 |

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