



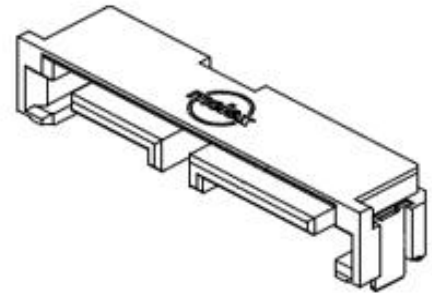
**Part Number :** [473001022](#)

**Product Description :** 1.00mm, 1.27mm Pitch  
Slimline Serial ATA Plug for Optical Disk Drive with DIP  
Standard Type Soldering Tabs, Right-Angle, 0.76µm  
Gold (Au) Plating, with Peg, 5.4mm Mounted Height,  
Lead-Free

**Series Number :** 47300

**Status :** Obsolete

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[PK-47300-001-001.pdf](#)

[EE-48325-001-001.pdf](#)

### Specifications

[PS-47300-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                            |
| China RoHS         |  per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                            |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                          |
| REACH SVHC         | Not Contained per D(2020)9139-DC (19 Jan 2021)                                                          |
| EU RoHS            | Compliant per EU 2015/863                                                                               |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## Part Details

### General

|                |                                                                                                                                                                                              |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status         | Obsolete                                                                                                                                                                                     |
| Category       | PCB Headers and Receptacles                                                                                                                                                                  |
| Series         | 47300                                                                                                                                                                                        |
| Description    | 1.00mm, 1.27mm Pitch Slimline Serial ATA Plug for Optical Disk Drive with DIP Standard Type Soldering Tabs, Right-Angle, 0.76µm Gold (Au) Plating, with Peg, 5.4mm Mounted Height, Lead-Free |
| Application    | Board-to-Board, Signal                                                                                                                                                                       |
| Comments       | Soldering Standard Type                                                                                                                                                                      |
| Component Type | PCB Header                                                                                                                                                                                   |
| Product Name   | Serial ATA,Slimline Serial ATA                                                                                                                                                               |
| UPC            | 800756824628                                                                                                                                                                                 |

### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

### Electrical

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

### Physical

|           |    |
|-----------|----|
| Breakaway | No |
|-----------|----|

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 13                             |
| Circuits (maximum)             | 13                             |
| Durability (mating cycles max) | 500                            |
| First Mate / Last Break        | Yes                            |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | No                             |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1.055/g                        |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| Packaging Type                 | Embossed Tape on Reel          |
| PCB Locator                    | Yes                            |
| PCB Retention                  | Yes                            |
| Pitch - Mating Interface       | 1.00mm, 1.27mm                 |
| Pitch - Termination Interface  | 1.00mm, 1.27mm                 |
| Plating min - Mating           | 0.762µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Stackable                      | No                             |
| Temperature Range - Operating  | -35° to +85°C                  |
| Termination Interface Style    | Surface Mount                  |

### Solder Process Data

|                              |        |
|------------------------------|--------|
| Max-Duration                 | 10     |
| Lead-Free Process Capability | REFLOW |
| Max-Cycle                    | 1      |
| Max-Temp                     | 260    |

### Mates With / Use With

**Mates with Part(s)**

| Description                                                  | Part Number  |
|--------------------------------------------------------------|--------------|
| Slimline Serial ATA Vertical Plugs and Removable Interposers | <u>47639</u> |
| Slimline Serial ATA Headers                                  | <u>47645</u> |

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Obsolete