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Part Number:

105125-1001

Status:

Active

Overview:

Combo External Serial ATA and USB Receptacles

Description:

Combo External Serial ATA and USB Receptacles, Right Angle, Full Through Hole, Top-mount with Flange, On-board Type, 15u" Gold (Au), Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-47403-001 (PDF)

RoHS Certificate of Compliance (PDF)

|                |                                                                                                                  |
|----------------|------------------------------------------------------------------------------------------------------------------|
| General        |                                                                                                                  |
| Product Family | I/O Connectors                                                                                                   |
| Series         | 105125                                                                                                           |
| Application    | Wire-to-Board                                                                                                    |
| Comments       | Front and hind forklocks . Top Mount, on-board Type.<br>Durability: 1,500 cycles for USB; 2,500 cycles for eSATA |
| Component Type | Receptacle                                                                                                       |
| Overview       | Combo External Serial ATA and USB Receptacles                                                                    |
| Product Name   | eSATA/USB Combo, External Serial ATA, USB                                                                        |
| Type           | N/A                                                                                                              |
| UPC            | 884982166820                                                                                                     |

|                                |                                    |
|--------------------------------|------------------------------------|
| Physical                       |                                    |
| Circuits (Loaded)              | 4, 7                               |
| Circuits Detail                | eSATA: 7 circuits; USB: 4 circuits |
| Color - Resin                  | Black                              |
| Durability (mating cycles max) | 1,500                              |
| Gender                         | Male                               |
| Keying to Mating Part          | Yes                                |
| Lock to Mating Part            | Yes                                |
| Material - Metal               | Copper Alloy                       |
| Material - Plating Mating      | Gold                               |
| Material - Plating Termination | Tin                                |
| Material - Resin               | High Temperature Thermoplastic     |
| Number of Rows                 | 2                                  |
| Orientation                    | Right Angle                        |
| PCB Locator                    | Yes                                |
| PCB Retention                  | Yes                                |
| PCB Thickness - Recommended    | 1.20mm                             |
| Packaging Type                 | Embossed Tape on Reel              |
| Panel Mount                    | Yes                                |
| Pitch - Mating Interface       | 1.27mm, 2.00mm, 2.50mm             |
| Polarized to Mating Part       | Yes                                |
| Polarized to PCB               | Yes                                |
| Ports                          | 1                                  |
| Temperature Range - Operating  | -35°C to +85°C                     |
| Termination Interface: Style   | Through Hole                       |

|                               |             |
|-------------------------------|-------------|
| Electrical                    |             |
| Current - Maximum per Contact | 1.5A        |
| Grounding to Panel            | Yes         |
| Shield Type                   | Full Shield |
| Shielded                      | Yes         |
| Voltage - Maximum             | 15V DC      |

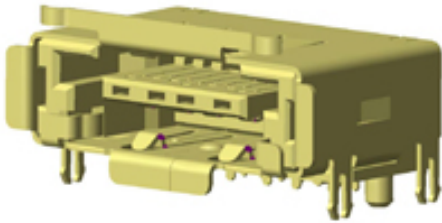


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Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

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

105125Series

Mates With

External Serial ATA Cable Assembly or USB Type A Cable Assembly

**Material Info**

**Reference - Drawing Numbers**

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-47403-001  |
| Sales Drawing         | SD-105125-100 |

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