

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1050171001

Status:

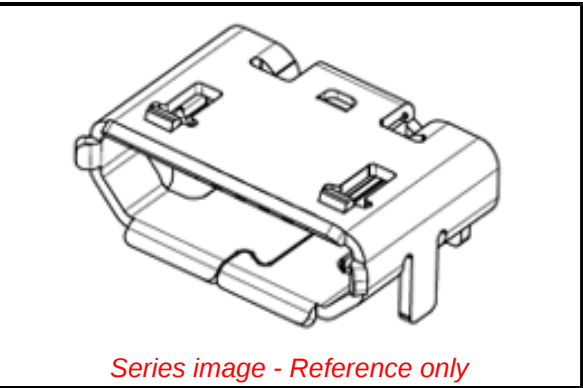
Active

Overview:

USB Products and Solutions

Description:

Micro-USB B Receptacle, Bottom Mount, Surface Mount, Lead-Free



|                |                                                 |
|----------------|-------------------------------------------------|
| Documents:     |                                                 |
| 3D Model       | Product Specification PS-105017-001-001 (PDF)   |
| 3D Model (PDF) | Packaging Specification PK-105017-001-001 (PDF) |
| Drawing (PDF)  | RoHS Certificate of Compliance (PDF)            |

|                                |                                           |
|--------------------------------|-------------------------------------------|
| Agency Certification           |                                           |
| UL                             | E107635                                   |
| General                        |                                           |
| Product Family                 | I/O Connectors                            |
| Series                         | 105017                                    |
| Application                    | Wire-to-Board                             |
| Comments                       | Signal contacts 1.0A, Power contacts 1.8A |
| Component Type                 | Receptacle                                |
| Overview                       | USB Products and Solutions                |
| Product Name                   | USB 2.0                                   |
| Type                           | Micro-B                                   |
| UPC                            | 884982346024                              |
| Physical                       |                                           |
| Boot Color                     | N/A                                       |
| Circuits (Loaded)              | 5                                         |
| Circuits (maximum)             | 5                                         |
| Color - Resin                  | Black                                     |
| Durability (mating cycles max) | 10000                                     |
| Flammability                   | 94V-0                                     |
| Gender                         | Female                                    |
| Keying to Mating Part          | Yes                                       |
| Lock to Mating Part            | No                                        |
| Material - Metal               | Copper Alloy                              |
| Material - Plating Mating      | Gold                                      |
| Material - Plating Termination | Gold                                      |
| Material - Resin               | High Temperature Thermoplastic            |
| Net Weight                     | 0.237/g                                   |
| Number of Rows                 | 1                                         |
| Orientation                    | Right Angle                               |
| PCB Retention                  | None                                      |
| Packaging Type                 | Embossed Tape on Reel                     |
| Panel Mount                    | No                                        |
| Pitch - Mating Interface       | 0.65mm                                    |
| Pitch - Termination Interface  | 0.65mm                                    |
| Polarized to Mating Part       | Yes                                       |
| Ports                          | 1                                         |
| Surface Mount Compatible (SMC) | Yes                                       |
| Temperature Range - Operating  | -30° to +85°C                             |
| Termination Interface: Style   | Surface Mount                             |
| Waterproof / Dustproof         | No                                        |
| Electrical                     |                                           |
| Current - Maximum per Contact  | 1.8A, 1.0A                                |
| Grounding to Panel             | Yes                                       |
| Shield Type                    | Full Shield                               |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2020)4578-DC (25 June 2020)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

105017 Series

|                                                |                   |
|------------------------------------------------|-------------------|
| Shielded                                       | Yes               |
| Voltage - Maximum                              | 30V AC (RMS)      |
| <b>Solder Process Data</b>                     |                   |
| Duration at Max. Process Temperature (seconds) | 003               |
| Lead-freeProcess Capability                    | N/A               |
| Max. Cycles at Max. Process Temperature        | 002               |
| Process Temperature max. C                     | 255               |
| <b>Material Info</b>                           |                   |
| <b>Reference - Drawing Numbers</b>             |                   |
| Packaging Specification                        | PK-105017-001-001 |
| Product Specification                          | PS-105017-001-001 |

This document was generated on 08/07/2020

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION