

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1050170001](#)
Status: **Active**
Overview: [USB Products and Solutions](#)
Description: Micro-USB B Receptacle, Bottom Mount, Surface Mount, with Solder Tabs, Lead-Free

Documents:

[3D Model](#) [Packaging Specification PK-105017-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-105017-001-001 \(PDF\)](#)

Agency Certification

UL E107635

General

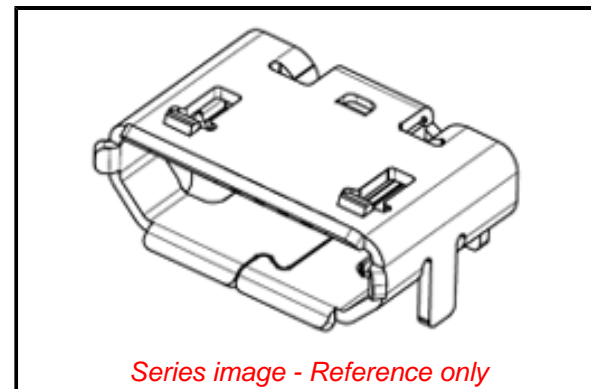
Product Family I/O Connectors
 Series [105017](#)
 Application Wire-to-Board
 Comments Signal contacts 1.0A, Power contacts 1.8A, Signal contacts 1.0A, Power contacts 1.8A
 Component Type Receptacle
 Overview [USB Products and Solutions](#)
 Product Name USB 2.0
 Type Micro-B
 UPC 822350969109

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 0.233/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



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[105017 Series](#)

Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Engineering Number	NT501-6734
--------------------	------------

Reference - Drawing Numbers

Packaging Specification	PK-105017-001-001
Product Specification	PS-105017-001-001
Sales Drawing	SD-105017-001-000

This document was generated on 09/18/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION