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Part Number: [1050171001](#)
Status: **Active**
Overview: [Consumer USB Products](#)
Description: Micro-USB B Receptacle, Bottom Mount, Surface Mount, Lead-Free

Documents:

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

Agency Certification

UL E107635

General

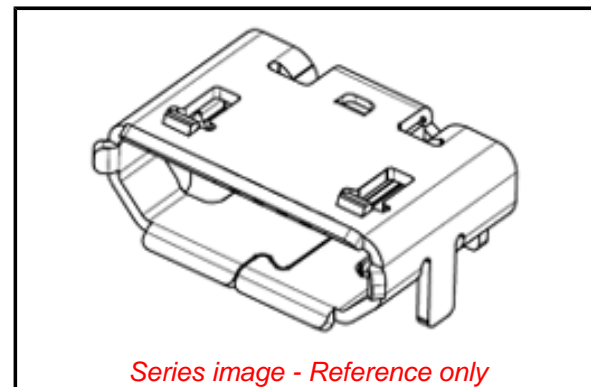
Product Family I/O Connectors
Series [105017](#)
Application Wire-to-Board
Comments Signal contacts 1.0A, Power contacts 1.8A
Component Type Receptacle
Overview [Consumer USB Products](#)
Product Name Micro-USB
Type B
UPC 884982346024

Physical

Boot Color N/A
Circuits (Loaded) 5
Circuits (maximum) 5
Color - Resin Black
Durability (mating cycles max) 10000
Flammability 94V-0
Gender Receptacle
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°C 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
Shielded Yes



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Contains SVHC(2015
June 15): No

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

Search Parts in this Series

[105017 Series](#)

Voltage - Maximum 30V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds) 003

Lead-free Process Capability N/A

Max. Cycles at Max. Process Temperature 002

Process Temperature max. C 255

Material Info

Reference - Drawing Numbers

Product Specification PS-105017-001

Sales Drawing SD-105017-001

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