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Part Number: [1050170002](#)
Status: **Active**
Overview: [Consumer USB Products](#)
Description: Micro-USB B Receptacle, Bottom Mount, Surface Mount with Solder Tabs, Lead-Free

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-105017-001-001 \(PDF\)](#)
[Packaging Specification PK-105017-002 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E107635

General

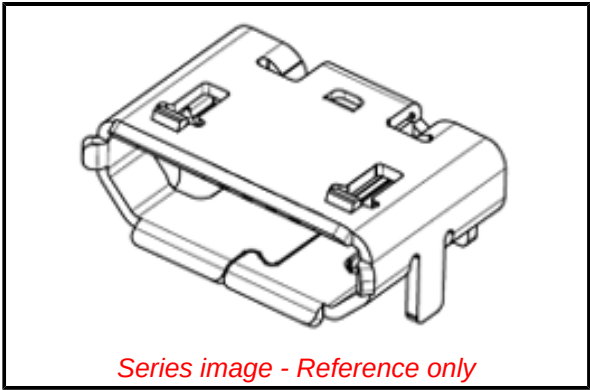
Product Family I/O Connectors
Series [105017](#)
Application Wire-to-Board
Comments Signal contacts 1.0A, Power contacts 1.8A
Component Type Receptacle
Overview [Consumer USB Products](#)
Product Name USB 2.0
Type Micro-B
UPC 884982340657

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 0.250/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



EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

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
RoHS Phthalates	Not Contained

Search Parts in this Series

[105017](#) Series

Shielded	Yes
Voltage - Maximum	30V AC (RMS)
Solder Process Data	
Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	255
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-105017-002
Product Specification	PS-105017-001-001
Sales Drawing	SD-105017-002-000

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