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Part Number: [105017-0002](#)
Status: **Active**
Overview: Micro USB
Description: Micro-USB B Receptacle, Bottom Mount, SMT with Solder Tabs, Lead-Free

Documents:

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

General

Product Family	I/O Connectors
Series	105017
Application	Wire-to-Board
Component Type	Receptacle
Overview	Micro USB
Product Name	Micro-USB
Type	B
UPC	884982340657

Physical

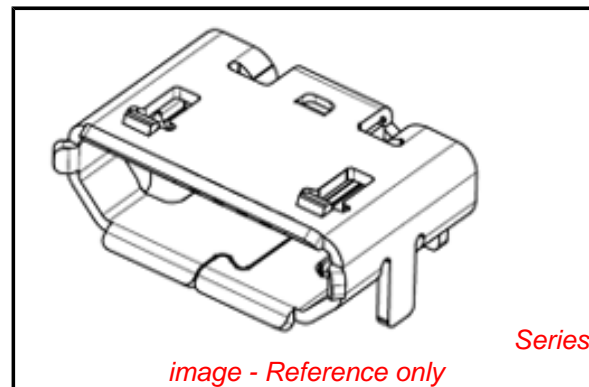
Boot Color	N/A
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	10,000
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature 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, 1A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)

Solder Process Data

Duration at Max. Process Temperature (seconds)	3
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EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



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environmental compliance?**

Email 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

105017Series

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

Reflow Capable (SMT only)
2
255

Material Info

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-105017-001
SD-105017-002

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