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Part Number: [1050171001](#)
Status: **Active**
Overview: USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Description: Micro-USB B Receptacle, Bottom Mount, Surface Mount, Lead-Free

Documents:

Drawing (PDF)	Product Specification PS-105017-001-001 (PDF)
3D Model	Packaging Specification PK-105017-001-001 (PDF)
3D Model (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 Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Product Name	USB
Standard	USB 2.0
Taxonomy	I/O Connectors
Type	Micro-B
UPC	884982346024

Physical

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
Mounting Style	Bottom-Mount
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
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Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[105017 Series](#)

Current - Maximum per Contact	1.8A, 1.0A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
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**

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

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