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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

Drawing (PDF)

Product Specification PS-105017-001 (PDF)

Packaging Specification PK-105017-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E107635

General

Product Family

Series

Application

Comments

Component Type

Overview

Product Name

Type

UPC

I/O Connectors

105017

Wire-to-Board

Signal contacts 1.0A, Power contacts 1.8A

Receptacle

Consumer USB Products

USB 2.0

Micro-B

884982346024

Physical

Boot Color

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

Flammability

Gender

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Net Weight

Number of Rows

Orientation

PCB Retention

Packaging Type

Panel Mount

Pitch - Mating Interface

Pitch - Termination Interface

Polarized to Mating Part

Ports

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

Waterproof / Dustproof

N/A

5

5

Black

10000

94V-0

Receptacle

Yes

No

Copper Alloy

Gold

Gold

High Temperature Thermoplastic

0.237/g

1

Right Angle

None

Embossed Tape on Reel

No

0.65mm

0.65mm

Yes

1

Yes

-30°C to +85°C

Surface Mount

No

Electrical

Current - Maximum per Contact

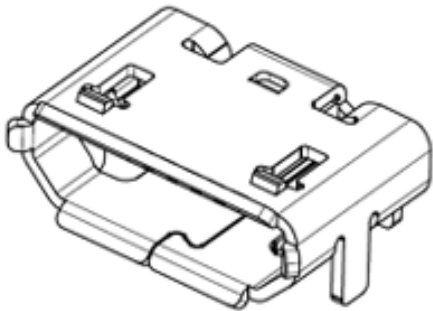
Grounding to Panel

Shield Type

1.8A, 1.0A

Yes

Full Shield



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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
ELV

Green Image
Not Relevant

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	N/A
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	255
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-105017-001
Product Specification	PS-105017-001
Sales Drawing	SD-105017-001

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