

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1051640001

Status:

Active

Overview:

USB Products and Solutions

Description:

Micro-USB B Receptacle without Flange, Top Mount, Surface Mount, Lead-Free

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PS-47642-001-001 (PDF)

Packaging Specification PK-105164-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

UL

E107635

General

Product Family

Series

Application

Comments

Component Type

Electrical Model

Overview

Product Name

Standard

Type

UPC

I/O Connectors

105164

Wire-to-Board

Signal contacts 1.0A, Power contacts 1.8A

Receptacle

Yes

USB Products and Solutions

USB

USB 2.0

Micro-B

884982383401

Physical

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

Mounting Style

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

5

5

Black

10000

94V-0

Female

Yes

No

Copper Alloy

Gold

Gold

High Temperature Thermoplastic

Top-Mount

0.234/g

1

Right Angle

None

Embossed Tape on Reel

No

0.65mm

0.65mm

Yes

1

Yes

-30° to +85°C

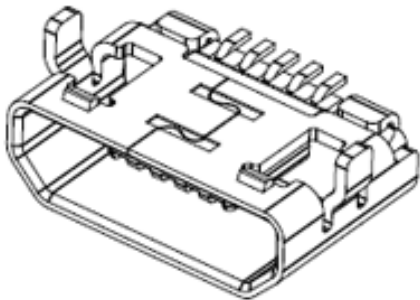
Surface Mount

No

Electrical

Current - Maximum per Contact

1.8A, 1.0A



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Low-Halogen

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

China RoHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

105164 Series

Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)
Solder Process Data	
Duration at Max. Process Temperature (seconds)	010
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Electrical Model Document	EE-105164-001-001
Packaging Specification	PK-105164-001-001
Product Specification	PS-47642-001-001
S-Parameter Model	SP-105164-001-001
Sales Drawing	SD-105164-001-001

This document was generated on 08/31/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION