

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0475890001

Status:

Active

Overview:

Consumer USB Products

Description:

Micro-USB AB Receptacle, Bottom Mount, Surface Mount, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-47589-001-001 (PDF)

Packaging Specification PK-47589-001 (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

47589

Wire-to-Board

Signal contacts 1.0A, Power contacts 1.8A

Receptacle

Consumer USB Products

USB 2.0

Micro-AB

800756695600

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

0.263/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

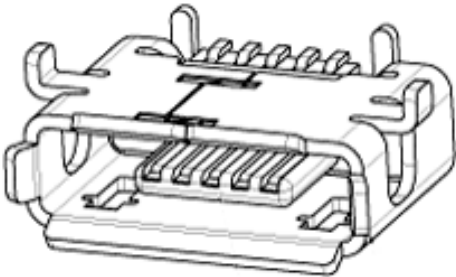
Grounding to Panel

Shield Type

1.8A, 1.0A

Yes

Full Shield



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

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](mailto: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

47589 Series

|                                                |                  |
|------------------------------------------------|------------------|
| Shielded                                       | Yes              |
| Voltage - Maximum                              | 30V AC (RMS)     |
| <b>Solder Process Data</b>                     |                  |
| Duration at Max. Process Temperature (seconds) | 003              |
| Lead-freeProcess Capability                    | REFLOW           |
| Max. Cycles at Max. Process Temperature        | 001              |
| Process Temperature max. C                     | 255              |
| <b>Material Info</b>                           |                  |
| <b>Reference - Drawing Numbers</b>             |                  |
| Packaging Specification                        | PK-47589-001     |
| Product Specification                          | PS-47589-001-001 |
| Sales Drawing                                  | SD-47589-001     |

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