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Part Number:

0475900001

Status:

Active

Overview:

Consumer USB Products

Description:

Micro-USB AB Receptacle, Right Angle, Top Mount, Surface Mount, Lead-Free

Documents:

3D Model

Packaging Specification PK-47589-001 (PDF)

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

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

Agency Certification

UL

E107635

General

Product Family

I/O Connectors

Series

47590

Application

Wire-to-Board

Comments

Signal contacts 1.0A, Power contacts 1.8A

Component Type

Receptacle

Electrical Model

Yes

Overview

Consumer USB Products

Product Name

USB 2.0

Type

Micro-AB

UPC

800756710150

Physical

Boot Color

N/A

Circuits (Loaded)

5

Circuits (maximum)

5

Color - Resin

Black

Durability (mating cycles max)

10000

Flammability

94V-0

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

0.265/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, 1.0A

Grounding to Panel

Yes



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

47590 Series

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-47590-001
Packaging Specification	PK-47589-001
Product Specification	PS-47589-001-001
S-Parameter Model	SP-47590-001
Sales Drawing	SD-47590-001

This document was generated on 07/26/2017

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