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Part Number: [1054431101](#)
Status: **Active**
Overview: [Consumer USB Products](#)
Description: Micro-USB B Receptacle without Flange, Surface Mount, Waterproof, Lead-Free

Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-105296-002 \(PDF\)](#)
[Product Specification PS-105296-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General
Product Family I/O Connectors
Series [105443](#)
Application Wire-to-Board
Comments Signal contacts 1.0A, Power contacts 1.8A
Component Type Receptacle
Overview [Consumer USB Products](#)
Product Name USB 2.0
Type Micro-B
UPC 889056284011

Physical
Boot Color N/A
Circuits (Loaded) 5
Circuits (maximum) 5
Color - Resin Black
Durability (mating cycles max) 10000
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 Liquid Crystal Polymer
Net Weight 0.496/g
Number of Rows 1
Orientation Right Angle
PCB Retention Yes
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 Yes
Waterproof / Dustproof Type IP67

Electrical
Current - Maximum per Contact 1.8A, 1.0A
Grounding to Panel Yes
Shield Type Full Shield
Shielded Yes
Voltage - Maximum 30V

Material Info



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
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
[105443 Series](#)

Reference - Drawing Numbers

Packaging Specification	PK-105296-002
Product Specification	PS-105296-001-001
Sales Drawing	SD-105443-110

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