

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

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

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-105296-001 \(PDF\)](#)

**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	<a href="#">Consumer USB Products</a>
Product Name	Micro-USB
Type	B
UPC	889056284011

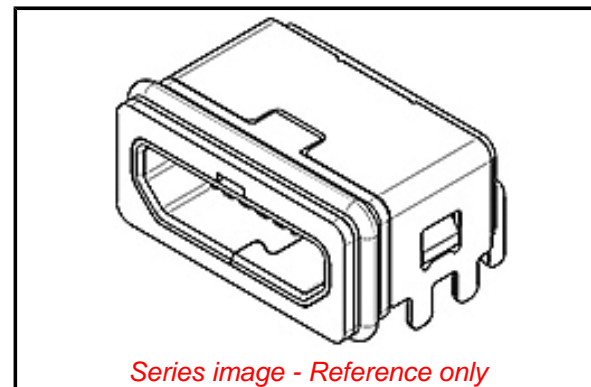
**Physical**

Boot Color	N/A
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	10,000
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	0.501/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**

**Compliant**

**REACH SVHC**

Contains SVHC(2015  
June 15): No

**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

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[105443](#) Series

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-105296-001

SD-105443-110

This document was generated on 07/15/2015

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**