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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 |

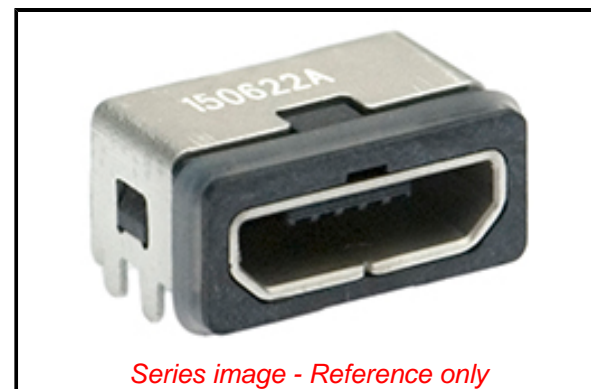
Physical

| | |
|--------------------------------|------------------------|
| 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

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[105443](#) Series

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-105296-002

PS-105296-001-001

SD-105443-110

This document was generated on 03/20/2017

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[KMBVX-TH-5S-B30](#) [896-30-004-00-000000](#) [KUSBVX-BS1N-W30](#) [KUSBX-AP-KIT-SCBLK](#) [KUSBX-AS2N-W](#) [KUSBX-SMT2AP1S-W](#)
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