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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

Series image - Reference only

Documents:
Drawing (PDF)
Product Specification PS-105296-001-001 (PDF)
Packaging Specification PK-105296-002 (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

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
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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