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Part Number:

1052481001

Status:

Active

Overview:

Consumer USB Products

Description:

Micro-USB B Receptacle without Flange, Right Angle, Mid-Mount, Through-Hole

Documents:	
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-47642-001 (PDF)	

Agency Certification	
UL	E107635
General	
Product Family	I/O Connectors
Series	105248
Application	Wire-to-Board
Comments	Signal contacts 1.0A, Power contacts 1.8A
Component Type	Receptacle
Overview	Consumer USB Products
Product Name	Micro-USB
Type	B
UPC	887191153940
Physical	
Circuits (Loaded)	5
Color - Resin	Black
Durability (mating cycles max)	10,000
Flammability	94V-0
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Palladium Nickel
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	0.273/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)	No
Temperature Range - Operating	-30°C to +85°C
Termination Interface: Style	Through Hole
Waterproof / Dustproof	No
Electrical	
Current - Maximum per Contact	1.8A, 1.0A
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

EU ELV

Not Relevant

EU RoHS

China RoHS

Compliant

REACH SVHC

Contains SVHC(15. June 2015): No

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

Search Parts in this Series

105248 Series

Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-47642-001
Sales Drawing	SD-105248-001

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