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Part Number:

47491-1001

Status:

Active

Overview:

Consumer USB Products

Description:

Micro-USB B Receptacle without Flange, Mid-Mount, Nickel Plated Shell, Lead-Free

Documents:

3D Model

Drawing (PDF)

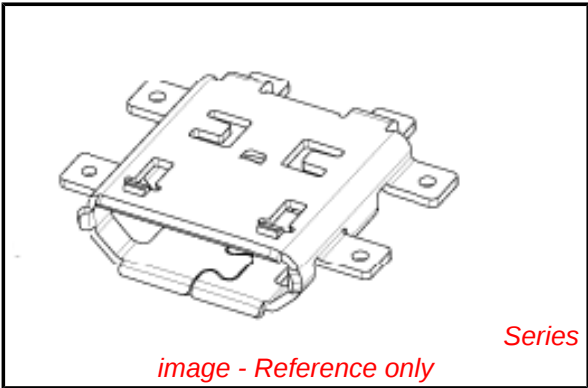
RoHS Certificate of Compliance (PDF)

General	
Product Family	I/O Connectors
Series	47491
Application	Wire-to-Board
Component Type	Receptacle
Overview	Consumer USB Products
Product Name	Micro-USB
Type	B
UPC	884982279728

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	High Temperature Thermoplastic
Net Weight	0.261/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	N/A
Waterproof / Dustproof	No

Electrical	
Current - Maximum per Contact	1.8A, 1A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC (RMS)

Solder Process Data	
Duration at Max. Process Temperature (seconds)	3



EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

47491Series

Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	250

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-47491-101
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