



**Part Number :** [2047110001](#)  
**Product Description :** Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Vertical, Surface Mount, 0.76µm Gold (Au) Plating, 1.40mm Solder Tab  
**Series Number :** 204711  
**Status :** Active  
**Product Category :** I/O Connectors



## Documents & Resources


**Drawings**  
[Drawing 2047110001\\_sd.pdf](#)  
[Packaging Design Drawing 2047118888-000.pdf](#)

**3D Models and Design Files**  
[3D Model 2047110001\\_stp.zip](#)

**Specifications**  
[Product Specification PS-105448-001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

Multiple Part Industry Compliance Documents  
- IPC 1752A Class C  
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	I/O Connectors
Series	204711
Description	Universal Serial Bus (USB) Shielded I/O Receptacle, Type C, Vertical, Surface Mount, 0.76µm Gold (Au) Plating, 1.40mm Solder Tab
Application	Wire-to-Board
Component Type	Receptacle
Product Family	USB Connectors: USB Type-A, USB Type-B, and USB Type-C Plugs and Receptacles
Product Name	USB
Standard	USB 3.1
Type	C
UPC	191128838269

#### Electrical

Current - Maximum per Contact	0.25A,1.25A,5.0A, See Product Specification
Grounding to Panel	None
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	30V AC/DC

#### Physical

Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	10000

Gender	Female
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Mounting Style	Vertical
Net Weight	0.686/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	0.70mm
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.762µm
Plating min - Termination	0.051µm
Polarized to Mating Part	No
Polarized to PCB	No
Ports	1
Temperature Range - Operating	-30° to +85°C
Termination Interface Style	Surface Mount
Waterproof / Dustproof	No

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
USB Shielded I/O Type C Plugs	<u>105444</u>

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