



Part Number : [1050570001](#)

Product Description : Universal Serial Bus (USB)
Shielded I/O Type A Receptacle, Vertical, 0.76µm Gold (Au) Plating, 2.80mm Tail Length, with 3 Beveled Solder Tabs, Tray, Lead-Free

Series Number : 105057

Status : Active

Product Category : I/O Connectors



Documents & Resources

Drawings

[1050570001 sd.pdf](#)

[PK-105057-001-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[EE-105057-001-001.pdf](#)

[SP-105057-001-001.zip](#)

Specifications

[PS-105057-001-001.pdf](#)

[TS-105057-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)

EU RoHS	Compliant per EU 2015/863
---------	---------------------------

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	I/O Connectors
Series	105057
Description	Universal Serial Bus (USB) Shielded I/O Type A Receptacle, Vertical, 0.76µm Gold (Au) Plating, 2.80mm Tail Length, with 3 Beveled Solder Tabs, Tray, Lead-Free
Application	Wire-to-Board
Component Type	Receptacle
Product Name	USB
Standard	USB 2.0
Type	A
UPC	191128079204

Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes
Voltage - Maximum	30V

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	20000
Gender	Female
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Mounting Style	Vertical
Net Weight	1.160/g
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
PC Tail Length	2.80mm
Pitch - Mating Interface	2.00mm, 2.50mm
Pitch - Termination Interface	2.00mm, 2.50mm
Plating min - Mating	0.762µm
Plating min - Termination	3.810µm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No

Solder Process Data

Max-Duration	4
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	245

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	USB Type A Cable