



Part Number : [482580002](#)
Product Description : Universal Serial Bus (USB)
Shielded I/O Receptacle, Type A, Right-Angle, Sink
Reverse Type, Mid Mount with Side Flange and Beveled
Metal Pins, 0.76µm Gold (Au) Plating, Lead-Free
Series Number : 48258
Status : Not Recommended For New Design
Product Category : I/O Connectors

Documents & Resources

Drawings

[482580002 sd.pdf](#)
[PK-48258-002-001.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[PS-48258-001-001.pdf](#)
[TS-48258-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
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	Not Recommended For New Design
Category	I/O Connectors
Series	48258
Description	Universal Serial Bus (USB) Shielded I/O Receptacle, Type A, Right-Angle, Sink Reverse Type, Mid Mount with Side Flange and Beveled Metal Pins, 0.76µm Gold (Au) Plating, Lead-Free
Application	Wire-to-Board
Comments	USB A Sink
Component Type	Receptacle
Product Name	USB
Standard	USB 2.0
Type	A
UPC	883906963248

Electrical

Current - Maximum per Contact	1.5A
Shielded	Yes
Shield Type	Full Shield
Voltage - Maximum	250V AC

Physical

Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Mounting Style	Mid-Mount
Net Weight	1.570/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
PCB Retention	Yes
Pitch - Mating Interface	2.50mm
Pitch - Termination Interface	2.50mm
Plating min - Mating	0.762µm
Plating min - Termination	3.048µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-25° to +85°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	USB Type A Plug

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