Part Number : 484080003
Product Description : Universal Serial Bus (USB 3.0) I/O Receptacle, Vertical, Type A, High-Temperature Blue Nylon, 0.38µm Gold (Au) Plating
Series Number : 48408
Status : Active
Product Category : I/O Connectors



Documents & Resources

Drawings

484080003_sd.pdf

PK-48408-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

PS-48408-001-001.pdf

TS-48408-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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	Active
Category	I/O Connectors
Series	48408
Description	Universal Serial Bus (USB 3.0) I/O Receptacle, Vertical, Type A, High-Temperature Blue Nylon, 0.38µm Gold (Au) Plating
Application	Wire-to-Board
Component Type	Receptacle
Product Name	USB
Standard	USB 3.0
Type	A
UPC	887191519173

Electrical

Current - Maximum per Contact	1.8A
Grounding to Panel	Yes
Voltage - Maximum	30V AC/DC

Physical

Circuits (Loaded)	9

Circuits (maximum)	9
Color - Resin	Blue
Durability (mating cycles max)	5000
Gender	Female
Keying to Mating Part	Yes
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Nickel, Tin
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Mounting Style	Vertical
Net Weight	1.900/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
Panel Mount	No
PCB Locator	Yes
PCB Retention	Yes
PC Tail Length	3.00mm
Pitch - Mating Interface	2.00mm, 2.50mm
Pitch - Termination Interface	2.00mm, 2.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-20° to +85°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No

Solder Process Data

Max-Duration	10
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	USB 3.0 Type A Plug