**Part Number :** 476540001
**Product Description :** Micro-USB AB Receptacle Sink Type, Mid-Mount, Surface Mount, with Extended Solder Tabs, Lead-Free
**Series Number :** 47654
**Status :** Not Recommended For New Design
**Product Category :** I/O Connectors



## Documents & Resources

### Drawings

476540001_sd.pdf

PK-47654-001-001.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

### Specifications

PS-47589-001-001.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

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## Part Details

### General

| | |
|---|---|
| Status | Not Recommended For New Design |
| Category | I/O Connectors |
| Series | 47654 |
| Description | Micro-USB AB Receptacle Sink Type, Mid-Mount, Surface Mount, with Extended Solder Tabs, Lead-Free |
| Application | Wire-to-Board |
| Comments | Signal contacts 1.0A, Power contacts 1.8A |
| Component Type | Receptacle |
| Product Name | USB |
| Standard | USB 2.0 |
| Type | Micro-AB |
| UPC | 883906159337 |

### Agency

| | |
|---|---|
| UL | E107635 |

### Electrical

| | |
|---|---|
| Current - Maximum per Contact | 1.8A, 1.0A |
| Grounding to Panel | Yes |
| Shielded | Yes |

| | |
|---|---|
| Shield Type | Full Shield |
| Voltage - Maximum | 30V AC (RMS) |

**Physical**

| | |
|---|---|
| Boot Color | N/A |
| Circuits (Loaded) | 5 |
| Circuits (maximum) | 5 |
| Color - Resin | Black |
| Durability (mating cycles max) | 10000 |
| Flammability | 94V-0 |
| Gender | Female |
| 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 |
| Mounting Style | Mid-Mount |
| Net Weight | 0.263/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| Panel Mount | No |
| PCB Retention | None |
| Pitch - Mating Interface | 0.65mm |
| Pitch - Termination Interface | 0.65mm |
| Polarized to Mating Part | Yes |
| Ports | 1 |
| Temperature Range - Operating | -30° to +85°C |
| Termination Interface Style | Surface Mount |
| Waterproof / Dustproof | No |

**Solder Process Data**

| | |
|---|---|
| Max-Duration | 10 |
| Lead-Free Process Capability | REFLOW |

| | |
|---|---|
| Max-Cycle | 1 |
| Max-Temp | 260 |