



**Part Number :** [441440004](#)

**Product Description :** Modular Jack, Right-Angle, Low Profile, Surface Mount, 6/4, 1.27µm Gold Plating

**Series Number :** 44144

**Status :** Active

**Product Category :** Modular Jacks and Plugs



## Documents & Resources

### Drawings

[441440004\\_sd.pdf](#)

[PK-70873-700+-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[PS-43743-0001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	ⓘ per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not 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	Modular Jacks and Plugs
Series	44144
Description	Modular Jack, Right-Angle, Low Profile, Surface Mount, 6/4, 1.27µm Gold Plating
Comments	Flush Solder Tabs
Component Type	PCB Jack
Magnetic	No
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 6/4
UPC	800753923003

### Agency

CSA	LR19980
UL	E107635

### Electrical

Current - Maximum per Contact	1.5A
Shielded	No
Voltage - Maximum	150V AC (RMS)

## Physical

Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	No
Jack Height	11.73mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.253/g
Orientation	Right Angle (Side Entry)
Packaging Type	Embossed Tape on Reel
PCB Retention	Yes
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
Port Configuration	1x1
Positions / Loaded Contacts	6/4
Temperature Range - Operating	-40° to +70°C
Termination Interface Style	Surface Mount
Wire/Cable Type	N/A

## Solder Process Data

Max-Duration	30
Lead-Free Process Capability	REFLOW
Max-Cycle	1
Max-Temp	235

## Mates With / Use With

### Mates with Part(s)

Description	Part Number

Mates With

FCC 68 Plugs

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