



Part Number : [441440003](#)

Product Description : Modular Jack, Right-Angle, Low Profile, Surface Mount, 8/8, 1.27µm Gold Plating

Series Number : 44144

Status : Active

Product Category : Modular Jacks and Plugs

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## Documents & Resources

### Drawings

[Drawing 441440003\\_sd.pdf](#)

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

### 3D Models and Design Files

[3D Model 441440003\\_stp.zip](#)


### Specifications

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

## Part Details

### General

Status	Active
Category	Modular Jacks and Plugs
Series	44144
Description	Modular Jack, Right-Angle, Low Profile, Surface Mount, 8/8, 1.27µm Gold Plating
Comments	Flush Solder Tabs
Component Type	PCB Jack
Magnetic	No
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Family	Magnetic and Modular Jacks/Plugs
Product Name	Modular Jack 8/8,RJ45
UPC	800753922990

### 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	2.682/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	8/8
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

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### Mates With / Use With

#### Mates with Part(s)

Description	Part Number
Mates With	FCC 68 Plugs