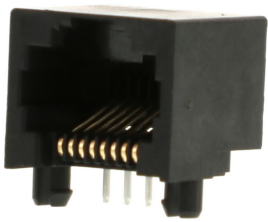




Part Number : [438600001](#)  
Product Description : Modular Jack, Right-Angle, Low Profile, Inverted, 8/8  
Series Number : 43860  
Status : Active  
Product Category : Modular Jacks and Plugs



## Documents & Resources

### Drawings

[Drawing 438600001\\_sd.pdf](#)  
[Packaging Design Drawing PK-43860-004-001.pdf](#)

### 3D Models and Design Files


[3D Model 438600001\\_stp.zip](#)

### Specifications

[Application Specification AS-43860-001-001.pdf](#)  
[Product Specification PS-43860-003-001.pdf](#)  
[Test Summary TS-43860-001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Modular Jacks and Plugs
Series	43860
Description	Modular Jack, Right-Angle, Low Profile, Inverted, 8/8
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	800753918115

#### Agency

CSA	LR19980
UL	E107635

#### Electrical

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

#### Physical

Boot Color	N/A
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0

Inverted / Top Latch	Yes
Jack Height	13.21mm
Lightpipes/LEDs	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	2.155/g
Orientation	Right Angle (Side Entry)
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.02mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
Port Configuration	1x1
Positions / Loaded Contacts	8/8
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole
Waterproof / Dustproof	No
Wire/Cable Type	N/A

## Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mates With	FCC 68 Plugs

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This document was generated on Jan 15, 2024