Part Number : 438600010
Product Description : Modular Jack, Right-Angle, Low Profile, Inverted, Shielded, All Panel Grounding Tabs, Lightpipes, 8/8
Series Number : 43860
Status : Active
Product Category : Modular Jacks and Plugs



Documents & Resources

Drawings

438600010_sd.pdf

PK-43860-005-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-43860-001-001.pdf

PS-43860-003-001.pdf

TS-43860-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	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	43860
Description	Modular Jack, Right-Angle, Low Profile, Inverted, Shielded, All Panel Grounding Tabs, Lightpipes, 8/8
Comments	Lightpipes will withstand soldering temperature of 160° C
Component Type	PCB Jack
Magnetic	No
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8,RJ45
UPC	800753929760

Agency

CSA	LR19980
UL	E107635

Electrical

Current - Maximum per Contact	1.5A
Grounding to Panel	Yes
Grounding to PCB	Yes
Shielded	Yes
Voltage - Maximum	150V AC (RMS)

Physical

Boot Color	N/A
Color - Resin	Black, Clear
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	Yes
Jack Height	13.54mm
Lightpipes/LEDs	Lightpipes
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic, Polycarbonate
Net Weight	3.892/g
Orientation	Right Angle (Side Entry)
Packaging Type	Tray
Panel Mount	With Flange
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mates With	FCC 68 Plugs