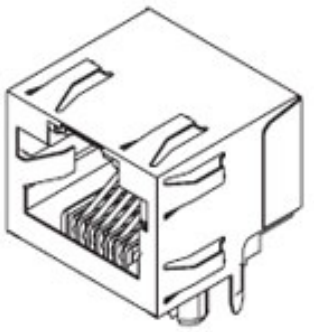
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Part Number: 0438600013
Status: Active
Overview: Magnetic and Modular Jacks and Plugs
Description: Modular Jack, Right Angle, Low Profile, Inverted, Shielded, Offset Panel Grounding Tabs, 8/8



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-43860-003 (PDF)
- Product Specification TS-43860-001-001 (PDF)
- Application Specification AS-43860-001-001 (PDF)
- Packaging Specification PK-43860-005 (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E107635

General

Product Family	Modular Jacks/Plugs
Series	43860
Component Type	PCB Jack
Magnetic	No
Overview	Magnetic and Modular Jacks and Plugs
Performance Category	3
Power over Ethernet (PoE)	N/A
Product Name	Modular Jack 8/8, RJ45
UPC	800753919976

Physical

Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Inverted / Top Latch	Yes
Jack Height	13.53mm
Lightpipes/LEDs	None
Material - Metal	Brass, Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	3.726/g
Orientation	Right Angle (Side Entry)
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm
Packaging Type	Tray
Panel Mount	With Flange
Pitch - Mating Interface	1.02mm
Pitch - Termination Interface	1.02mm
Plating min - Mating	1.270µm
Plating min - Termination	2.540µm
Ports	1
Positions / Loaded Contacts	8/8
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole
Wire/Cable Type	N/A

Electrical

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant

REACH SVHC
Not Contained Per -ED/01/2018 (15 January 2018)

Halogen-Free Status
Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the Contact Us section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
43860 Series

Mates With
FCC 68 Plugs

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Application Specification	AS-43860-001-001
Packaging Specification	PK-43860-005
Product Specification	PS-43860-003, TS-43860-001-001
Sales Drawing	SD-43860-001

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