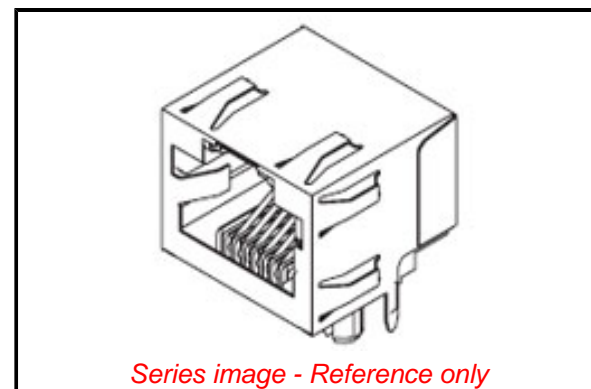


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Part Number: **0438600011**
Status: **Active**
Overview: Magnetic and Modular Jacks and Plugs
Description: Modular Jack, Right Angle, Low Profile, Inverted, Shielded, All Panel Grounding Tabs, Lightpipes, 6/6

Documents:

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



Agency Certification

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E107635 |

General

| | |
|---------------------------|---|
| Product Family | Modular Jacks/Plugs |
| Series | <u>43860</u> |
| Comments | Lightpipes will withstand soldering temperature of 160° C |
| Component Type | PCB Jack |
| Magnetic | No |
| Overview | <u>Magnetic and Modular Jacks and Plugs</u> |
| Performance Category | 3 |
| Power over Ethernet (PoE) | N/A |
| Product Name | Modular Jack 6/6 |
| UPC | 800753929777 |

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 | 4.265/g |
| Orientation | Right Angle (Side Entry) |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| 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 | 6/6 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Through Hole |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

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

| | |
|-------------------------------|---------------|
| Waterproof / Dustproof | No |
| Wire/Cable Type | N/A |
| Electrical | |
| Current - Maximum per Contact | 1.5A |
| Grounding to PCB | Yes |
| Grounding to Panel | Yes |
| Shielded | Yes |
| Voltage - Maximum | 150V AC (RMS) |

Solder Process Data

| | |
|------------------------------|------|
| Lead-free Process Capability | WAVE |
|------------------------------|------|

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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