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Part Number: [0015438501](#)
Status: **Obsolete**
Overview: [modular_plugs_jacks](#)
Description: Modular Jack, Right Angle, 8/8

Documents:
[Drawing \(PDF\)](#)

Agency Certification

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

General

| | |
|---------------------------|-------------------------------------|
| Product Family | Modular Jacks/Plugs |
| Series | 42118 |
| Comments | Flangeless |
| Component Type | PCB Jack |
| Magnetic | No |
| Overview | modular_plugs_jacks |
| Performance Category | 3 |
| Power over Ethernet (PoE) | N/A |
| Product Name | RJ45 |

Physical

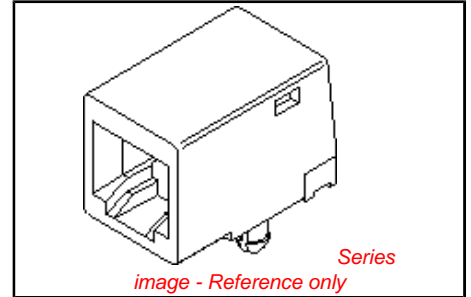
| | |
|--------------------------------|--------------------------|
| Color - Resin | Black |
| Durability (mating cycles max) | 500 |
| Flammability | 94V-0 |
| Inverted / Top Latch | No |
| Keying to Mating Part | Yes |
| Lightpipes/LEDs | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Orientation | Right Angle (Side Entry) |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm (.063") |
| Packaging Type | Tray |
| Pitch - Mating Interface (in) | 0.050 In |
| Pitch - Mating Interface (mm) | 1.27 mm |
| Plating min - Mating | 1.270µm (50µ") |
| Plating min - Termination | 2.540µm (100µ") |
| Ports | 1 |
| Positions / Loaded Contacts | 8/8 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40°C to +80°C |
| Termination Interface: Style | Through Hole |
| Wire/Cable Type | N/A |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 1.5A |
| Shielded | No |
| Voltage - Maximum | 125V |

Solder Process Data

| | |
|--|------------------------|
| Duration at Max. Process Temperature (seconds) | 5 |
| Lead-free Process Capability | Wave Capable (TH only) |



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Low-Halogen Status
Not Halogen-Free

China RoHS



Need more information on product environmental compliance?

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Search Parts in this Series

42118Series

Mates With

FCC 68 Plugs

| | |
|---|-----|
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 235 |

Material Info

| | |
|-----------------|--------------|
| Old Part Number | 42118-88ABAA |
|-----------------|--------------|

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