RJ45 Connector

ORDERING INFORMATION: RJA88-V1100-GUH

MATERIAL and FINISH
- Insulator: Glass filled polyester UL94V-0
- Contact: Phosphor bronze
- Plating: Gold plating over nickel
- Operating Life: 750 cycles min
- PCB retention pre-solder: 1 LB min
- PCB retention post-solder: 10 LBS min

SPECIFICATIONS
- Current rating: 1.5A
- Voltage rating: 125 VAC RMS
- Dielectric strength: 1000 VAC RMS 60 Hz, 1 min
- Insulation resistance: 1000M Ω min 500VDC
- Contact resistance: 30m Ω max

ORDERING INFORMATION: RJA88-V2100-GUH

MATERIAL and FINISH
- Insulator: PBT UL94V-0
- Contact: Phosphor bronze
- Plating: Contact area 6μ gold, Tail 150μ TIN-LEAD
- Operating Life: 750 cycles min

SPECIFICATIONS
- RJ45
- Dielectric strength: 1000 VAC RMS 60 Hz, 1 min
- Insulation resistance: 1M Ω min 500VDC
- Contact resistance: 30m Ω max

Cable assemblies available according to your specifications

Advanced Connectors and Cable Assemblies

183
RJ45 Connector

ORDERING INFORMATION: RJA88 - H1100-GFH-2

<table>
<thead>
<tr>
<th>Position</th>
<th>Contact</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2/4/6/8</td>
<td>15.5</td>
<td>11.9</td>
<td>0.90</td>
<td>19.90</td>
<td>15.90</td>
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<tr>
<td>8</td>
<td>8C</td>
<td>17.7</td>
<td>16.00</td>
<td>15.93</td>
<td>11.45</td>
<td>10.65</td>
</tr>
</tbody>
</table>

MATERIAL and FINISH
Insulator: Glass filled polyester UL94V-0
Contact: Phosphor bronze
Plating: Contact area- Selective gold, Tail 150μm TIN-LEAD min over 50μm Nickel

SPECIFICATIONS
Current rating: 1.5A
Voltage rating: 125 VAC RMS
Dielectric strength: 1000 VAC RMS 60 Hz, 1 min
Insulation resistance: 1000MΩ min 500 VDC
Contact resistance: 35mΩ max

Cable assemblies available according to your specifications
**ordering information:** RJA88-H1210-GSH

**MATERIAL and FINISH**
- **insulator:** PBT+30%.G.F.UL94V-0.color-Black
- **Contact:** Phosphor bronze
- **Plating:** Gold plating over nickel
- **Operating Life:** 750 cycles min

**specifications**
- **Current rating:** 1.5A
- **Voltage rating:** 125 VAC RMS
- **Dielectric strength:** 1000 VAC RMS 60 Hz, 1 min
- **Insulation resistance:** 1000M Ω min 500VDC
- **Contact resistance:** 35m Ω max

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**ordering information:** RJA88-H1211-GSH

**MATERIAL and FINISH**
- **insulator:** PBT+30%.G.F.UL94V-0.color-Black
- **Contact:** Phosphor bronze
- **Plating:** Gold plating over nickel
- **Operating Life:** 750 cycles min
- **Led size:** 3.2*2.0*7.0*P=2.29mm

**specifications**
- **Current rating:** 1.5A
- **Voltage rating:** 125 VAC RMS
- **Dielectric strength:** 1000 VAC RMS 60 Hz, 1 min
- **Insulation resistance:** 1000M Ω min 500VDC
- **Contact resistance:** 35m Ω max

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Cable assemblies available according to your specifications

**ADVANCED CONNECTORS and CABLE ASSEMBLIES**
## Ordering Information: RJA88-H2100-GSH

**Material and Finish**
- **Insulator:** FR52
- **Contact:** Phosphor bronze
- **Plating:** 1: Contact AREA- Selective Gold 2: Tails- 150u" TIN-LEAD Min Over 50u" Nickel

**Specifications**
- **Current rating:** 1.5A
- **Voltage rating:** 125 VAC RMS
- **Dielectric strength:** 1000 VAC RMS 60 Hz, 1 min
- **Insulation resistance:** 1000M Ω min 500VDC
- **Contact resistance:** 35m Ω max

### PCB Layout

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## Ordering Information: RJA88-H2100-GUH

**Material and Finish**
- **Insulator:** FR52
- **Contact:** Phosphor bronze
- **Plating:** Gold Over Nickel
- **Operating Life:** 750 cycles min
- **PCB retention pre-solder:** 10 LBS min

**Specifications**
- **Current rating:** 1.5A
- **Voltage rating:** 125 VAC RMS
- **Dielectric strength:** 1000 VAC RMS 60 Hz, 1 min
- **Insulation resistance:** 1000M Ω min 500VDC
- **Contact resistance:** 35m Ω max

### PCB Layout

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Cable assemblies available according to your specifications

**Advanced Connectors and Cable Assemblies**
RJ45 Connector

ORDERING INFORMATION: RJA88-H1100-GUH

MATERIAL and FINISH
Insulator: Glass filled polyester UL94V-0
Contact: Phosphor bronze
Plating: Gold plating over nickel
Operating Life: 750 cycles min
PCB retention pre-solder: 1 LB min
PCB retention post-solder: 10 LBS min

SPECIFICATIONS
Current rating: 1.5A
Voltage rating: 125 VAC RMS
Dielectric strength: 1000 VAC RMS 60 Hz, 1 min
Insulation resistance: 500M Ω min 500VDC
Contact resistance: 30m Ω max

ORDERING INFORMATION: RJA88-H1110 A GSH

MATERIAL and FINISH
Insulator: PBT UL94V-0
Contact: Phosphor bronze
Plating: Contact area 6µ gold,
Tail 150µ TIN-LEAD
Operating Life: 750 cycles min

SPECIFICATIONS
RJ45
Current rating: 1.5 A
Voltage rating: 125 VAC RMS
Dielectric strength: 1000 VAC RMS 60 Hz, 1 min
Insulation resistance: 1M Ω min 500VDC
Contact resistance: 30m Ω max

Cable assemblies available according to your specifications

Advanced Connectors and Cable Assemblies
RJ 45 Connector

**ORDERING INFORMATION:** RJA 44 - H1100-GUH-3F

**SPECIFICATIONS**
- Current rating: 1.5A per contact
- Voltage rating: 125 VAC/DC
- Dielectric withstanding voltage: 1000 VAC
- Insulation resistance: 500M Ω min
- Contact resistance: 20m Ω max
- Temperature range: -40°C to +85°C

**MATERIAL and FINISH**
- Insulator: High temperature material - UL94VO
- Contact: Copper alloy
- Plating: Selective gold plated over nickel

**ORDERING INFORMATION:** RJA 62 - H1100-GFH-4

**SPECIFICATIONS**
- Current rating: 2.0A per contact
- Voltage rating: 250 VAC/DC
- Dielectric withstanding voltage: 1000 VAC
- Insulation resistance: 1000M Ω min
- Contact resistance: 30m Ω max
- Temperature range: -25°C to +125°C

**MATERIAL and FINISH**
- Insulator: High temperature material - UL94VO
- Contact: Copper alloy
- Plating: Selective gold plated over nickel

Advanced Connectors and Cable Assemblies