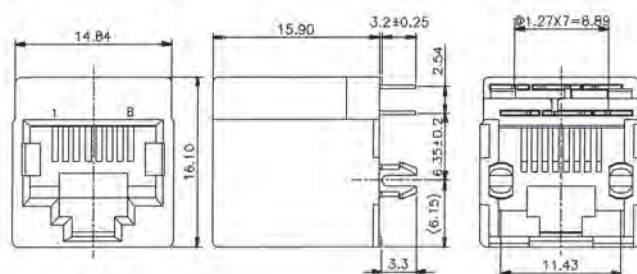
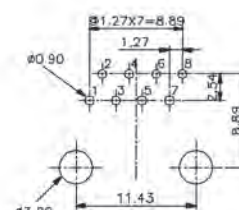


RJ45 Connector

ORDERING INFORMATION: RJA88-V1100-GUH



PCB Layout



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

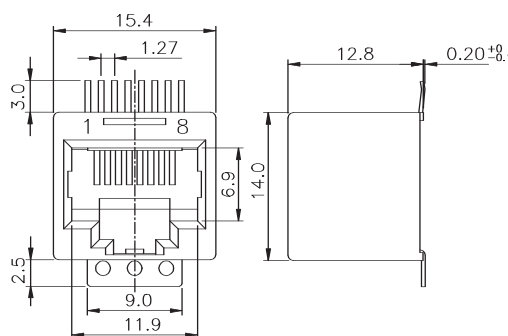
Voltage rating: 125 VAC RMS

Dielectric strength: 1000 VAC RMS 60 Hz, 1 min

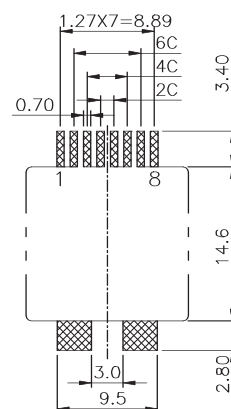
Insulation resistance: 1000M Ω min 500VDC

Contact resistance: 30m Ω max

ORDERING INFORMATION: RJA88-V2100-GUH



PCB Layout



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

Unit: mm

Cable assemblies available according to your specifications

Advanced Connectors and Cable Assemblies

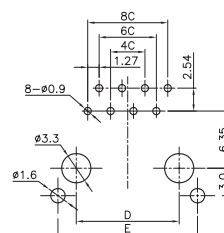
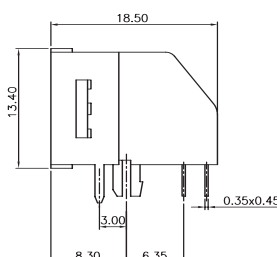
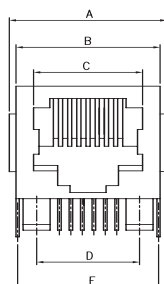
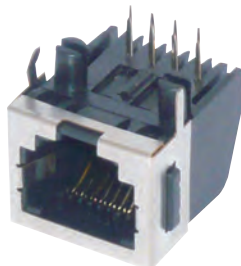
RJ45 Connector

ORDERING INFORMATION: RJA 8 8 - H1100-GFH-2

Position Number
6 or 8

Contact Number
2-4-6-8

POSITION	CONTACT	A	B	C	D	E
6P	2C/4C/6C	15.75	13.90	9.90	10.16	13.70
8P	8C	17.75	16.00	11.93	11.43	15.65



PCB Layout

MATERIAL and FINISH

Insulator: High temperature material - UL94VO

Contact: Copper alloy

Plating: Selective gold plated over nickel

SPECIFICATIONS

Current rating: 1.0A per contact

Voltage rating: 250 VAC/DC

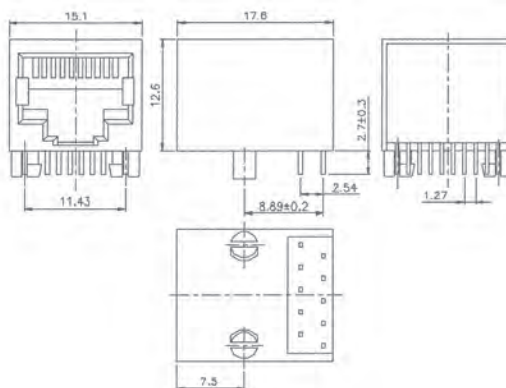
Dielectric withstanding voltage: 1000 VAC

Insulation resistance: 1000M Ω min

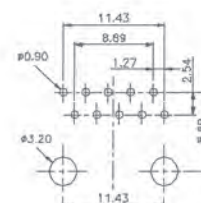
Contact resistance: 30 m Ω max

Temperature range: -25°C to +125°C

ORDERING INFORMATION: RJA88-H1100-GUH1



PCB Layout



MATERIAL and FINISH

Insulator: Glass filled polyester UL94V-0

Contact: Phosphor bronze

Plating: Contact area- Selective gold,
Tail 150 μ TIN-LEAD min over
50 μ 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

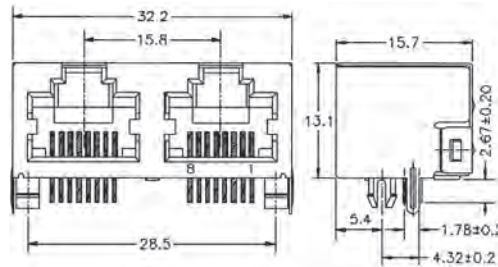
Contact resistance: 35m Ω max

Unit: mm

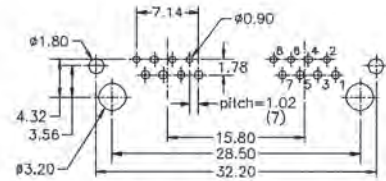
Cable assemblies available according to your specifications

Advanced Connectors and Cable Assemblies

ORDERING INFORMATION: RJA88-H1210-GSH



PCB Layout



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

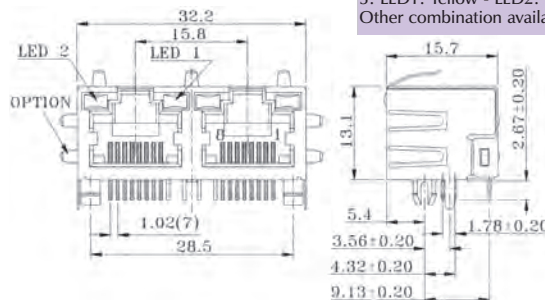
Voltage rating: 125 VAC RMS

Dielectric strength: 1000 VAC RMS 60 Hz, 1 min

Insulation resistance: 1000M Ω min 500VDC

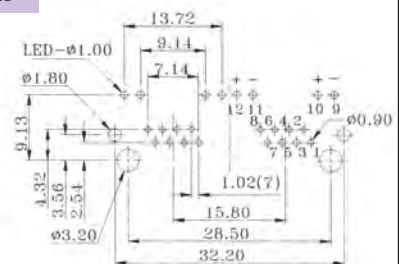
Contact resistance: 35m Ω max

ORDERING INFORMATION: RJA88-H121 1-GSH



1: LED1: Green - LED2: Yellow
2: LED1: Green - LED2: Green
3: LED1: Yellow - LED2: Green
Other combination available

PCB Layout



MATERIAL and FINISH

Insulator: PBT+30%.G.F.UL94V-0.color-Black

Contact: Phosphor bronze

Plating: Gold 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

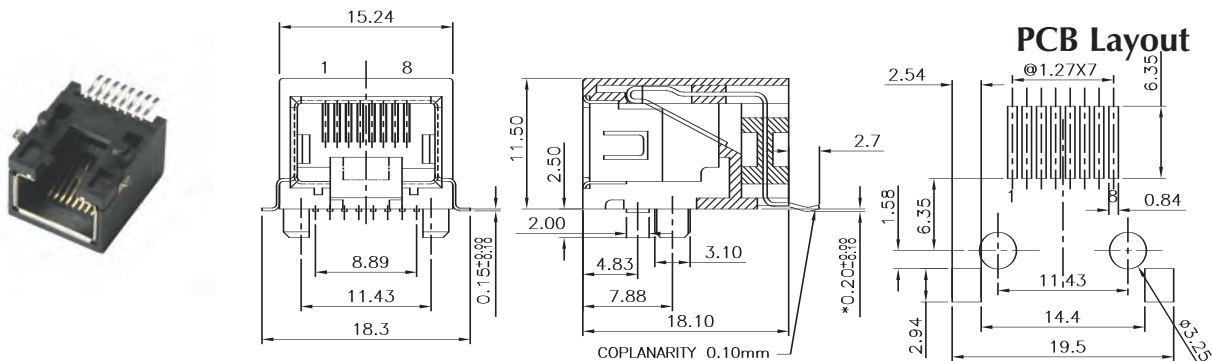
Contact resistance: 35m Ω max

Unit: mm

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

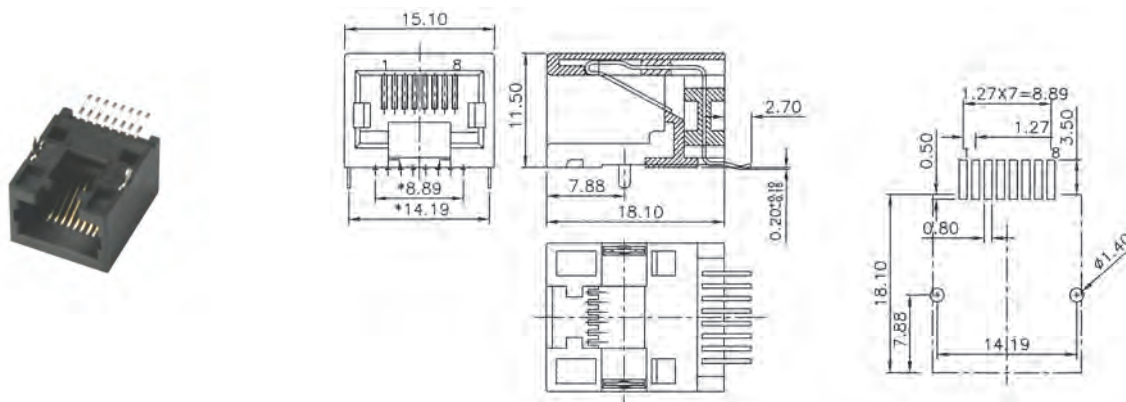
Dielectric strength: 1000 VAC RMS 60 Hz, 1 min

Insulation resistance: 1000M Ω min 500VDC

Contact resistance: 35m Ω max

ORDERING INFORMATION: RJA88-H2100-GUH

PCB Layout



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

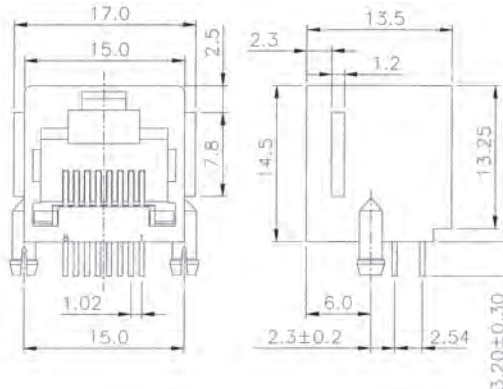
Unit: mm

Cable assemblies available according to your specifications

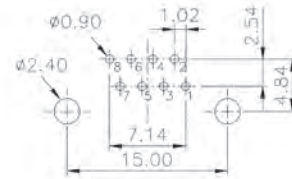
Advanced Connectors and Cable Assemblies

RJ45 Connector

ORDERING INFORMATION: RJA88-H1100-GUH



PCB Layout



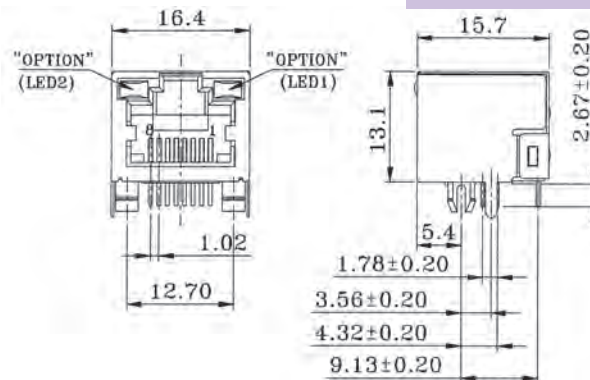
MATERIAL and FINISH

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-H110 A GSH



LED1: Green - LED2: Yellow
 ASK for other colors option

PCB Layout

MATERIAL and FINISH

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

SPECIFICATIONS

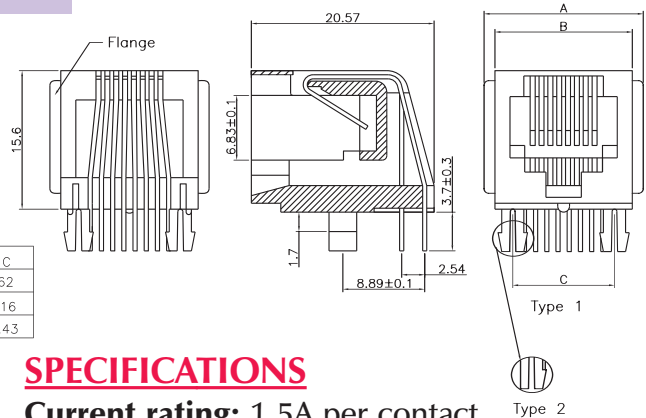
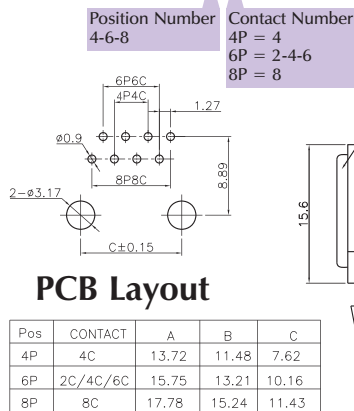
RJ45
Current rating: 1.5 A
Voltage rating: 125 VAC RMS
Dielectric strength: 1000 VAC RMS 60 Hz, 1 min
Insulation resistance: 1M Ω min 500VDC
Contact resistance: 30m Ω max

Cable assemblies available according to your specifications

Advanced Connectors and Cable Assemblies

RJ 45 Connector

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



MATERIAL and FINISH

Insulator: High temperature material - UL94VO

Contact: Copper alloy

Plating: Selective gold plated over nickel

SPECIFICATIONS

Current rating: 1.5A per contact

Voltage rating: 125 VAC/DC

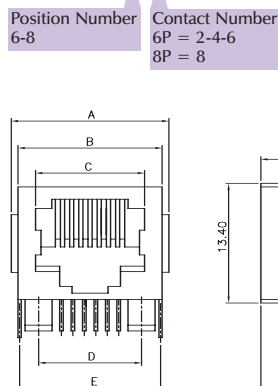
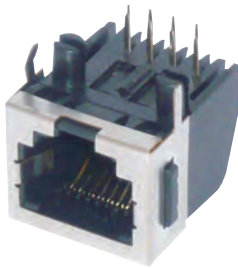
Dielectric withstanding voltage: 1000 VAC

Insulation resistance: 500M Ω min

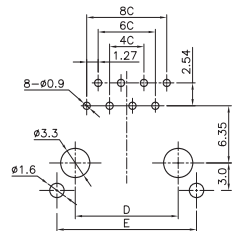
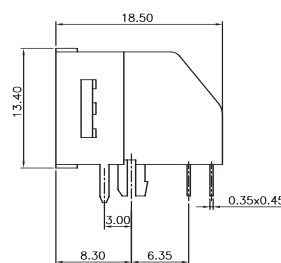
Contact resistance: 20m Ω max

Temperature range: -40°C to +85°C

ORDERING INFORMATION: RJA 62 - H1100-GFH-4



POSITION	CONTACT	A	B	C	D	E
6P	2C/4C/6C	15.75	13.90	9.90	10.16	13.70
8P	8C	17.75	16.00	11.93	11.43	15.65



MATERIAL and FINISH

Insulator: High temperature material - UL94VO

Contact: Copper alloy

Plating: Selective gold plated over nickel

SPECIFICATIONS

Current rating: 2.0A per contact

Voltage rating: 250 VAC/DC

Dielectric withstanding voltage: 1000 VAC

Insulation resistance: 1000M Ω min

Contact resistance: 30 m Ω max

Temperature range: -25°C to +125°C

Unit: mm