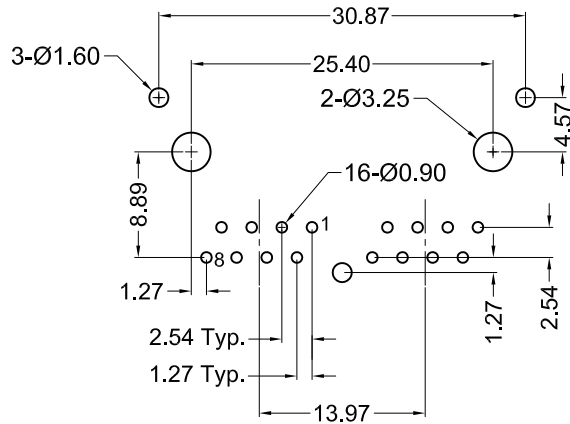


Recommended PCB Layout
(Top View)



| Part Number | Contact Area Plating Finish |
|------------------|-----------------------------|
| GSGX-NS7-288-457 | Gold Flash (standard) |
| GSGX-NS728845750 | 50u" Gold (50 option) |

Material and Finish

Housing: Thermoplastic,
UL94V-0 rated
Shield: Brass,
nickel plated
Contact Material: phosphor bronze
Contact Plating Options:
Standard: gold flash plate over
nickel at contact area,
tin plating over nickel at solder area
50 option: 50u" gold on contact
area, to comply with FCC
requirements under #47
C.F.R. Part 68,
Subpart F

Electrical Characteristics

Current Rating:
1.5 Amps
Voltage Rating:
125V DC
Insulation Resistance:
500 Megohms Min.
Dielectric Withstanding Voltage:
1000V rms, 60Hz
Contact Resistance:
20 milliohms Max.
Durability Rating:
500 Mating Cycles Min.
Operating Temperature:
-40°C to +85°C

Electrical Performance

Category 5 100MHz Bandwidth Performance
Performance meets near end crosstalk (NEXT)
Requirements of -40dB @ 100MHz per
EIA/TIA 568A in applications where UL
Approved Category 5 cable (GA27-3773-1)
is used



| Tolerances |
|----------------------------|
| X.X ± 0.38 |
| X.XX ± 0.25 |
| Unless Stated Otherwise |

| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|------------|-------------|----------|---------|
| A1 | 2/2/07 | New Drawing | H. MA | N. Chang | H. MA | 1/31/07 |
| A2 | 3/4/08 | ECO #08-030 | R. Aguirre | H. MA | | |
| A3 | 05/13/10 | ECO #10-025 | S. Vien | H. MA | | |
| A4 | 12/11/13 | ECO #13-090 | D. Gih | H. MA | | |
| A5 | 06/26/15 | ECO #15-001 | H. MA | C. Furumasu | | |

GSGX-NS7-288-457

Mod jack, 2 Port Ganged-Jack, RoHS Compliant

8 Position/8 Contact w/4.57 Grd Pin Spc

