

Material and Finish

Body: PBT, glass filled
 UL94V-0 rated
 color: black

Shield: 0.25mm thick
 Copper alloy,
 Nickel plated

Contact: Phosphor Bronze
 Nickel underplate on entire
 contact, tin on termination end

Gold plating options on
 contact area:

Standard: Gold flash

50 option: 50u" gold
 to comply with FCC
 requirements under #47
 C.F.R. Part 68,
 Subpart F

Electrical Characteristics

Insulation Resistance:
 500 Megohms Min.

Dielectric Withstanding Voltage:
 1000V rms, 60Hz

Contact Resistance:
 20 milliohms Max.

Current Rating:
 1.5 Amps

Durability Rating:
 500 Mating Cycles Min.

Operating Temperature:
 -40°C to +85°C

Electrical Performance

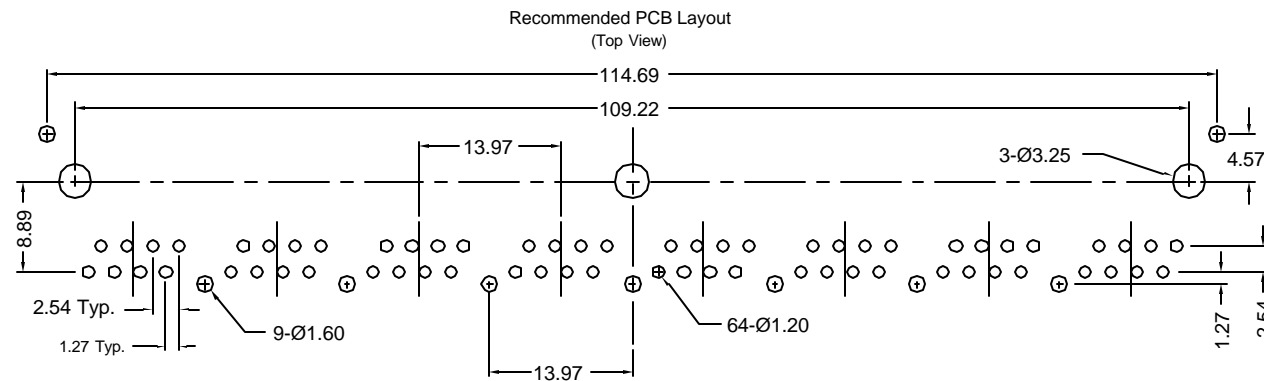
Category 5 100MHz Bandwidth Performance

Attenuation @ 100MHz less than 0.13dB

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

Shielded types offer 20dB shielding from
 30MHz to 300MHz

| Tolerances |
|----------------------------|
| X.X ± 0.25 |
| X.XX ± 0.15 |
| Unless Stated Otherwise |



| Part Number | Contact Area Plating Finish |
|--------------------|-----------------------------|
| GSGX-NS7-888-457 | 15u" Gold (standard option) |
| GSGX-NS7-888-45750 | 50u" Gold (-50 option) |



| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|------------|---------|------------|----------|
| A1 | 07/05/05 | New Drawing | R. Aguirre | H. MA | R. Aguirre | 07/05/05 |
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GSGX-NS7-888-457

8 Port Shielded gang-jack, RoHS Compliant
 8 position/ 8 contacts per port

