

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 on contact area:

Standard Option:
Gold Flash on contact area,
tin on soldertails,
entire contact nickel underplated

50 option: 50u" gold
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.

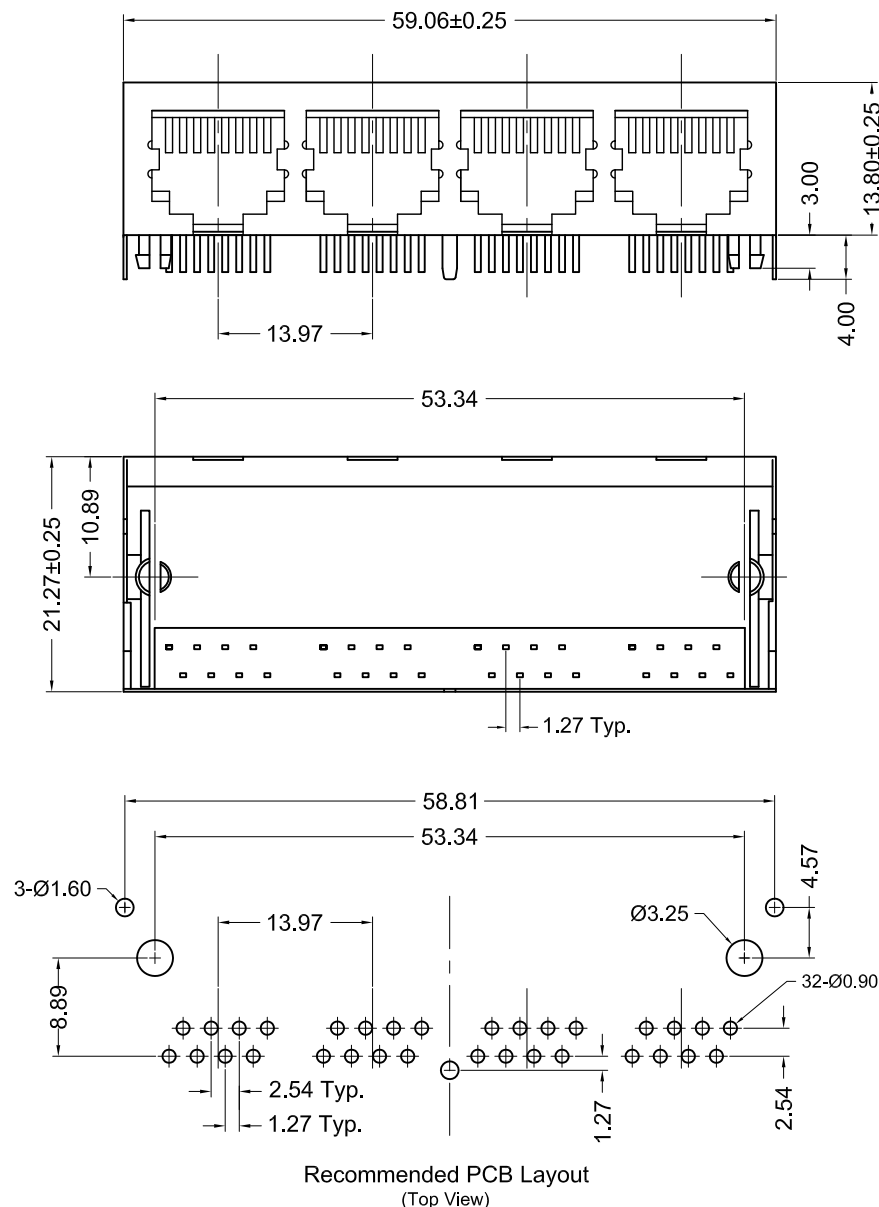
Durability Rating:
500 Mating Cycles Min.

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

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



Part Number	Contact Area Plating Finish
GSGX-NS-4-88-457	Gold Flash (standard option)
GSGX-NS-4-88-45750	50u" Gold (-50 option)

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	10/05/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	10/05/05
A2	3/4/08	ECO #08-030	R. Aguirre	H. MA		
A3	05/13/10	ECO #10-025	S. Vien	H. MA		
A4	12/03/13	ECO #13-090	D. Gih	H. MA		
A5	06/25/15	ECO #15-001	H. MA	C. Furumasu		
A6	06/14/17	ECO #17-014	H. MA	C. Furumasu		

GSGX-NS-4-88-457

Modular Jack, Ganged, 4 port, RoHS Compliant

8 positions / 8 contacts per port

RoHS COMPLIANT

UL
E134345

SP
US
LR78160

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

