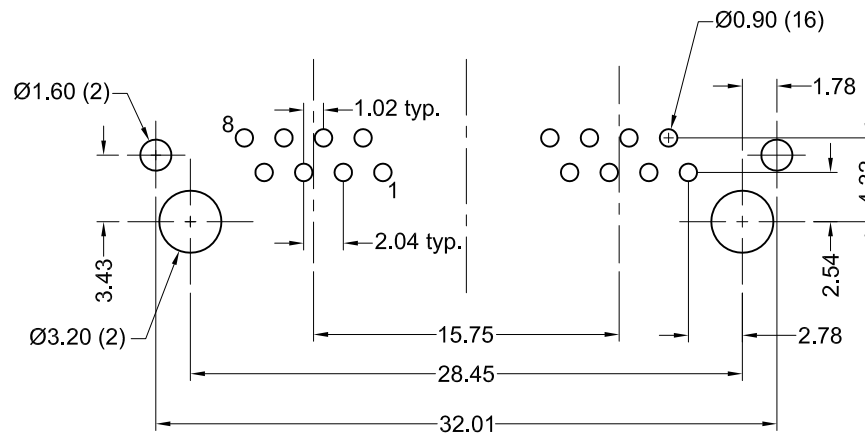
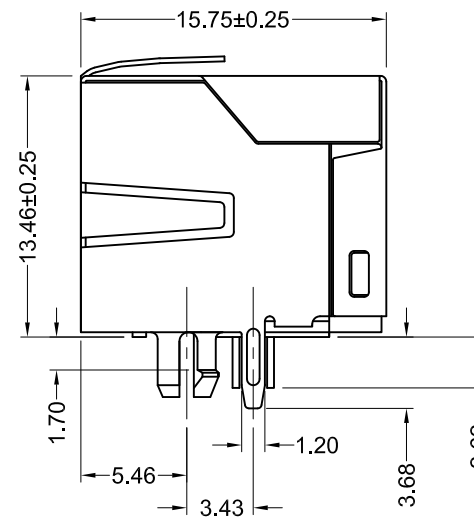
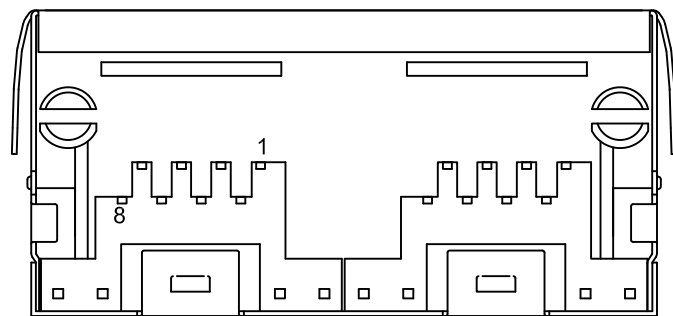
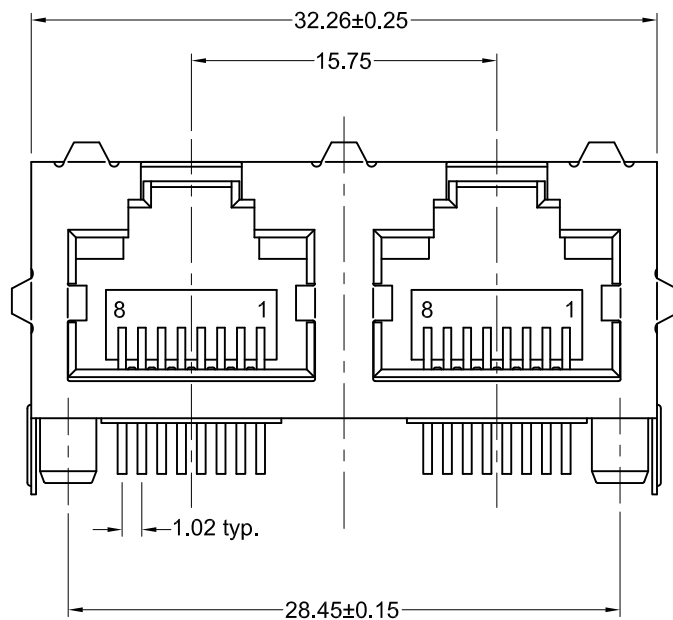




Recommended PCB Layout
(top view)

Materials and Finish

Housing Material:
thermoplastic,
UL 94V-0 rated,
Color: black

Contact Material:
phosphor bronze

Contact Plating Options:
Standard: 0.0001" nickel
underplating, selectively plated
0.000015" gold on contact
area, tin on soldertails
50 Option: 0.0001" nickel
underplating, selectively plated
0.000050" gold on contact
area, tin on soldertails

Shield: Nickel plated

Electrical Characteristics

Insulation Resistance:
500 Megohms min.

Voltage Rating: 150V AC

Contact Resistance:
20 milliohms max.

Current Rating:
1.5 amps

Operating Temperature:
-40°C to +85°C

Durability Rating:
500 mating cycles min.

Part Number	Contact Area Plating Finish
GWGX-S1-2-88	15u" Gold (Standard)
GWGX-S1-2-88 -50	50u" Gold (50 Option)

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

RoHS COMPLIANT
EU Directive 2002/95/EC



Tolerances
X.X ± 0.30
X.XX ± 0.20
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	9/8/05	New Drawing	H. MA	C. Furumasu	H. MA	9/6/05
A1	10/19/05	added CAT5 info	R. Aguirre	H. MA		
A2	12/15/05	Release Drawing	H. MA	N/A		
A3	3/4/08	ECO#08-030	R. Aguirre	H. MA		
A4	04/26/10	ECO #10-021	S. Vien	H. MA		
A5	12/10/12	ECO #12-062	S. Vien	P. DalCanto		

GWGX-S1-2-88-xx

Right Angle Thru-Hole Ganged Modular Jack

2 Port, Fully Shielded w/ Grounding Tabs, RoHS Compliant

