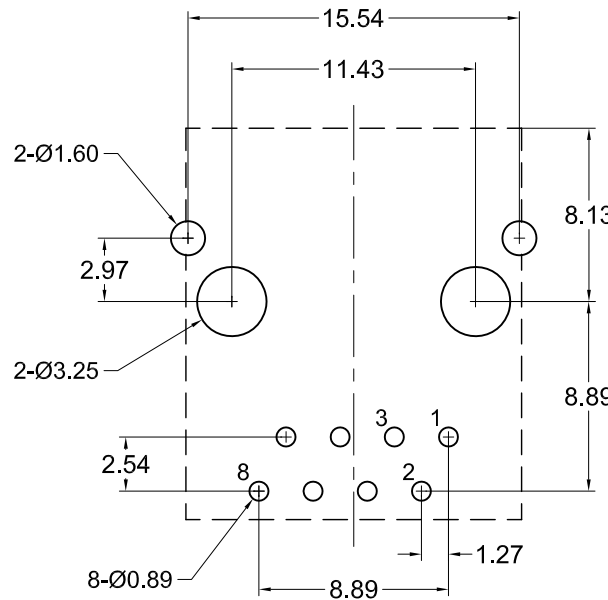
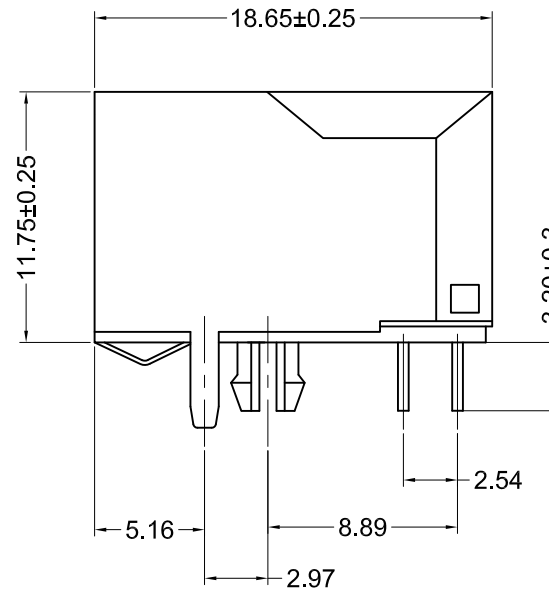
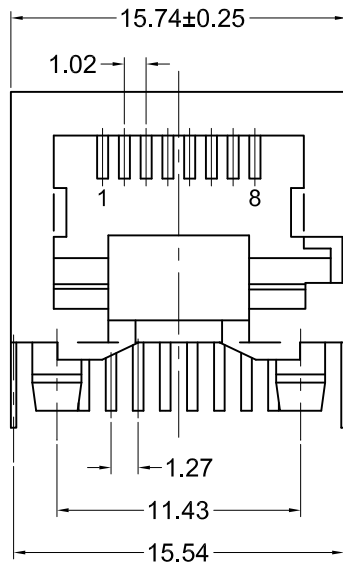




Recommended PCB Layout  
(Top View)

| Part Number  | Contact Area Plating Finish |
|--------------|-----------------------------|
| GMX-S-88K    | Gold Flash (standard)       |
| GMX-S-88K-50 | 50u" Gold (50 option)       |

## Materials and Finish

Housing Material-  
PBT Thermoplastic  
UL 94V-0 Rated  
Color: Black

Shield Material-  
Brass  
Nickel Plated

Design meets UL 1863 Sec. 8  
Electrical Probe and Sec. 20  
Child Finger test requirements

Contact Material-  
Phosphor Bronze

Contact Plating Options-  
Standard: 0.0001" Nickel  
Plating, Selective Plating  
Gold Flash on Contact  
Area, Tin on Termination End

50 Option: 0.0001" Nickel Plating,  
Selective Plating 0.000050"  
Gold on Contact Area to  
Comply with FCC Requirements  
Under No. 47 C.F.R. Part 68,  
Subpart F, Tin on  
Termination End

## 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.

Operating Temperature-  
-40°C to +80°C

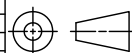
Durability Rating-  
500 mating cycles min.

**RoHS COMPLIANT**



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

| REV. | DATE     | DESCRIPTION | REV. BY | CHK. BY     | DRAWN BY | DATE     |
|------|----------|-------------|---------|-------------|----------|----------|
| A1   | 08/26/08 | New Drawing | S. Vien | H. MA       | S. Vien  | 08/26/08 |
| A2   | 05/13/10 | ECO #10-025 | S. Vien | H. MA       |          |          |
| A3   | 05/27/15 | ECO #15-001 | H. MA   | C. Furumasu |          |          |
| A4   | 06/13/17 | ECO #17-014 | H. MA   | C. Furumasu |          |          |
|      |          |             |         |             |          |          |
|      |          |             |         |             |          |          |



**GMX-S-88K**

Right Angle, Modular Jack, Lead-free

8P8C, With Key Option, RoHS Compliant

