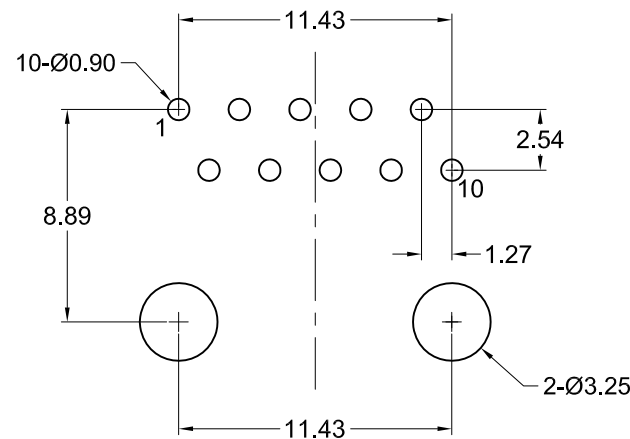
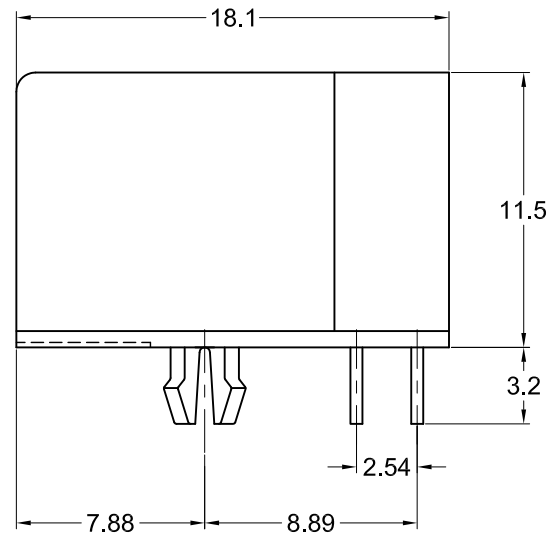
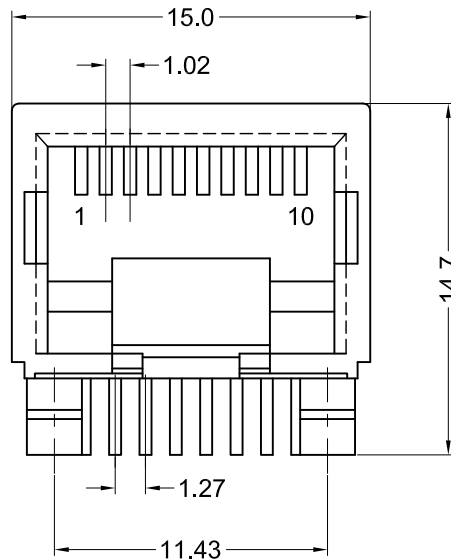




Recommended PCB Layout  
(Top View)

| Part Number   | Contact Area Plating Finish |
|---------------|-----------------------------|
| GMX-N-1010    | Gold Flash (standard)       |
| GMX-N-1010-50 | 50u" Gold (50 option)       |

## Materials and Finish

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

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/Lead 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

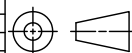
Durability Rating-  
500 mating cycles min.

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

RoHS COMPLIANT



| 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   | 05/13/10 | ECO #10-025 | S. Vien    | H. MA       |            |          |
| A3   | 07/14/10 | ECO #10-052 | S. Vien    | H. MA       |            |          |
| A4   | 05/21/15 | ECO #15-001 | H. MA      | C. Furumasu |            |          |
| A5   | 06/12/17 | ECO #17-014 | H. MA      | C. Furumasu |            |          |



GMX-N-1010

Right Angle Modular Jack, RoHS Compliant

10 Position, 10 Contacts

