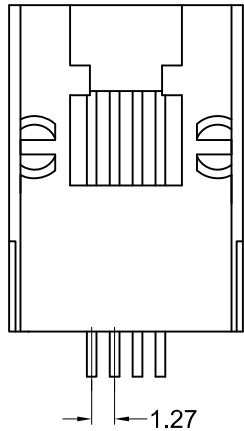
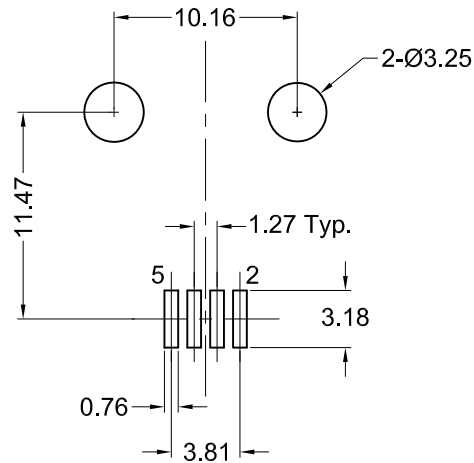


DETAIL A



Recommended PCB Layout  
(Top View)



| Part Number        | Gold Plating | Packaging   |
|--------------------|--------------|-------------|
| GMX-SMT2-N-64      | Flash        | Bulk        |
| GMX-SMT2-N-64-50   | 50u"         | Bulk        |
| GMX-SMT2-N-64-TR   | Flash        | Tape & Reel |
| GMX-SMT2-N-64-50TR | 50u"         | Tape & Reel |

**Materials and Finish**

Housing Material:  
 high temp. thermoplastic,  
 (reflow process compatible)  
 UL 94V-0 rated, black color

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: 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: 1.0 Amps  
 Current Voltage: 125V DC  
 Insulation Resistance:  
 500 Megohms min.  
 Dielectric Withstanding Voltage:  
 1000V rms, 60Hz  
 Contact Resistance:  
 20 milliohms max.  
 Durability Rating:  
 1000 mating cycles min.  
 Operating Temperature:  
 -40°C to +85°C

| Tolerances                 |
|----------------------------|
| X.X ± 0.38                 |
| X.XX ± 0.25                |
| Unless Stated<br>Otherwise |



| REV. | DATE     | DESCRIPTION | REV. BY    | CHK. BY     | DRAWN BY   | DATE     |
|------|----------|-------------|------------|-------------|------------|----------|
| A1   | 06/30/05 | New Drawing | R. Aguirre | H. MA       | R. Aguirre | 05/23/05 |
| A2   | 04/27/10 | ECO #10-020 | S. Vien    | H. MA       |            |          |
| A3   | 12/08/10 | ECO #10-088 | S. Vien    | H. MA       |            |          |
| A4   | 08/20/12 | ECO #12-027 | S. Vien    | P. DalCanto | UNITS      | mm       |
| A5   | 11/06/13 | ECO #13-084 | W. Cook    | H. MA       |            |          |
| A6   | 05/28/15 | ECO #15-001 | H. MA      | C. Furumasu |            |          |

**GMX-SMT2-N-64**

Right Angle Modular Jack, RoHS Compliant

6 Position, 4 Contacts, Surface Mount

