



Recommended PCB Layout  
(Top View)

**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  
Underplating, Selectively Plated  
Gold Flash on Contact Area,  
Tin Plated on Termination End

-50 Option: 0.0001" Nickel Underplating,  
Selectively Plated 0.000050"  
Gold on Contact Area to  
Comply with FCC Requirements  
Under No. 47 C.F.R. Part 68,  
Subpart F, Tin Plated 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 +85°C

| Part Number | Contact Area Plating Finish |
|-------------|-----------------------------|
| GDX-A-66    | Gold Flash (standard)       |
| GDX-A-66-50 | 50u" Gold (-50 option)      |

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



| REV. | DATE     | DESCRIPTION | REV. BY | CHK. BY     | DRAWN BY | DATE    |
|------|----------|-------------|---------|-------------|----------|---------|
| A1   | 5/17/05  | New Drawing | H. MA   | C. Furumasu | H. MA    | 5/17/05 |
| A2   | 05/13/10 | ECO #10-025 | S. Vien | H. MA       |          |         |
| A3   | 07/25/11 | ECO #11-048 | S. Vien | H. MA       |          |         |
| A4   | 05/13/15 | ECO #15-001 | H. MA   | C. Furumasu |          |         |
| A5   | 05/23/17 | ECO #17-014 | H. MA   | C. Furumasu |          |         |

**GDX-A-66-xx**

RA PCB Mount Mod Jack, RoHS Compliant

0.595" Height, 6 positions, 6 contacts

