

Recommended PCB Layout
(Top View)

Materials and Finish

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

Contact Material-
Phosphor Bronze

Contact Plating Options-
Standard: 0.0001" Nickel
Plating, Selective Plating
Gold Flash on Contact
Area, tin plated
on termination end

50: 0.0001" Nickel Plating,
Selective Plating 0.00050"
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.

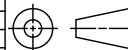
Operating Temperature-
-40°C to +85°C

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

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



| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|------------|-------------|------------|----------|
| A1 | 05/19/05 | New Drawing | R. Aguirre | H. MA | R. Aguirre | 05/13/05 |
| A2 | 05/12/10 | ECO #10-025 | S. Vien | H. MA | | |
| A3 | 11/06/13 | ECO #13-084 | W. Cook | H. MA | | |
| A4 | 04/02/15 | ECO #15-001 | H. MA | C. Furumasu | | |
| A5 | 05/16/17 | ECO #17-014 | H. MA | C. Furumasu | | |



GDLX-A-66-xx

Modular Jack, Right angle, RoHS Compliant,

6 Pos, 6 Contacts, non-shielded

