



Recommended PCB Layout  
(Top View)

**Materials and Finish**

Housing Material-  
High Temp material  
UL 94V-0 Rated  
Color: Black

Reflow Process Compatible

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

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

Durability Rating-  
500 mating cycles min.

Part Number	Contact Area Plating Finish
GDLX-SMT-A-88	Gold Flash (standard)
GDLX-SMT-A-88-50	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	07/08/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	05/19/05
A2	05/03/10	ECO #10-020	S. Vien	H. MA		
A3	10/23/12	ECO #12-065	S. Vien	P. DalCanto		
A4	11/06/13	ECO #13-084	W. Cook	H. MA	UNITS	mm
A5	04/16/15	ECO #15-001	H. MA	C. Furumasu		
A6	05/23/17	ECO #17-014	H. MA	C. Furumasu		

**GDLX-SMT-A-88**

Modular Jack, Right Angle, SMT, RoHS Compliant

8 Positions, 8 Contacts, Non-Shielded

