



PCB Layout

**Material and Finish**

Housing Material-  
PBT, 15% glass filled  
UL 94V-0 Rated  
Color: Black

Contact Material-  
Phosphor Bronze

Shield Material-  
Copper Alloy, Nickel Plated

Contact Plating Options-  
Standard: Selective Gold Plated  
on contact area, Gold Flash  
over nickel on soldertail

50 plating option:  
Selective plating 0.000050"  
Gold on Contact Area to  
Comply with FCC Requirements  
Under No. 47 C.F.R. Part 68,  
Subpart F  
glod flash over nickel on soldertail

**Electrical Specifications**

Insulation Resistance-  
500 Megohms Min.

Dielectric Withstanding Voltage-  
1000V rms, 60Hz

Contact Resistance-  
20 milliohms Max.

Current Rating-  
1.5 Amps

Part Number	Contact Area Plating Finish
GDWX-PNS-88	Gold Flash (standard)
GDWX-PNS-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
A0	3/22/06	New Drawing	H. MA	C. Furumasu	H. MA	3/22/06
A1	10/29/08	Correct plating	S. Vien	H. MA		
A2	11/06/08	Release Drawing	H. MA	N/A		
A3	04/26/10	ECO #10-021	S. Vien	H. MA		
A4	12/10/12	ECO #12-062	S. Vien	P. DalCanto		
A5	08/06/18	Update Address	D. Shehan	N/A		

**GDWX-PNS-88**

Vertical, PCB Mount Mod. Jack,

8P8C, Shielded, RoHS Compliant

