



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 | | |
| A1 | 10/29/08 | Correct plating | S. Vien | H. MA | H. MA | 3/22/06 |
| 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 | | |

GDWX-PNS-88

Vertical, PCB Mount Mod. Jack,
8P8C, Shielded, RoHS Compliant

