



PCB Layout
(Top View)

PRELIMINARY
PART IN DESIGN
SPECIFICATION SUBJECT TO CHANGE

Dimensions [mm]	Number of Ports						
	2	3	4	5	6	7	8
A	28.2	39.2	50.2	61.2	72.2	83.2	94.2
B	25.0	36.0	47.0	58.0	69.0	80.0	91.0

Part Number	Contact Area Plating Finish
GPX-x-6y	15u" Gold (standard)
GPX-x-6y-50	50u" Gold (50 option)

Material and Finish

Housing Material:
25% Glass Filled Thermoplastic,
UL 94V-0 Rated,
Color: Gray

Contact Material:
Phosphor Bronze

Contact Plating Options:
Standard: 0.0001" Nickel
Underplating, Gold Plated
0.00015" overall

50: 0.0001" Nickel Underplating,
0.000050" Gold Plated overall to
Comply with FCC Requirements
Under No. 47 C.F.R. Part 68,
Subpart F

Electrical Specifications

Insulation Resistance:
500 Megohms Min.

Dielectric Withstanding Voltage:
1000V RMS, 60Hz

Contact Resistance:
20 milliohms Max.

Current Rating:
1.5 Amps



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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	8/24/05	New Drawing	R. Aguirre	N.Chang	R. Aguirre	8/24/05

GPX-x-6y
(x = # of ports, y = # of contacts)

Perpendicular 6-Position Gang Jack Series

PCB Mount, 8-Port Maximum, RoHS Compliant

