



Current Rating: 3 Amps  
 Insulator Resistance: 5000 Megohms min  
 Contact Resistance: 20 m ohms max  
 Dielectric Withstanding: 1000 V AC  
 Operating Temperature: -40° ~ +105° C  
 Contact Material: Copper Alloy  
 Insulator Material: Polyester; UL 94V-0  
 Standard: PBT  
 Finish: Tin, Gold Plated  
 Standard: Gold Flash all over  
 Note:  
 Duplex Plating: Gold Plated on contact area,  
 Tin on solder area  
 Insulator Material: Polyester; UL 94V-0  
 Standard: Nylon-6T  
 Max Processing Temp: 230° C for 60 seconds  
 Max Processing Temp: 260° C for 10 seconds

Recommended P.C. Board  
 Hole Layout

- (RoHS Compliant)
- P1 X 85 X - 1 XX S0 BK X 000 X  
 1 2 3 4 5 6 7 8
- Standard: A= P.B.T.  
N= Nylon-6T  
2. A= Phosphor Bronze  
Blank:=Brass
  - Per ROW : 02 to 40  
S0 = Straight  
5. Color: BK=Black
  - Contact Plated:  
T=Matte Tin over Nickel  
W=Matte Tin over Nickel 150u"  
Y=Bright Tin over Nickel  
C=Gold Flash  
F=Gold Flash, Matte Tin 100u"  
A=Gold 3u"  
B=Gold 3u", Matte Tin 100u"
  - D=Gold 5u"  
E=Gold 5u", Matte Tin 100u"  
G=Gold 10u"  
J=Gold 10u", Matte Tin 100u"  
L=Gold 15u"  
M=Gold 15u", Matte Tin 100u"  
U=Gold 30u"  
V=Gold 30u", Matte Tin 100u"
  - Special Options  
8. Packing:  
C= Tray  
D= Box

①: P1X85-1XXXS0BKX000X-2008/09/25-C2  
 ②: 2.54\*No.of Contacts+0.6-2007/05/02-C1  
 ③: P1X85-1XXXS0BKX000-2007/05/02-C1  
 ④: Dim.A-3.10-2007/01/18-C

		PART NO	P1X85X-1XXXS0BKX000X	.X	.XX	.XXX
1:	P1X85-1XXXBKH0	DRAWING NO	PB-00017	±0.3	±0.20	±0.100
2:	P1X85-6237S	DRAWN BY	GARY	EDITION: C3	ITEM: PB	SCALE: 1:1
3:		APPROVAL BY		2008/12/18	SCALE: 1:1	UNIT: m.m
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