



P.C.B LAYOUT

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	2011-04-21

## Technical Data

### Material:

Contact Material: Phosphor Bronze  
 Contact plating: Au1u" Over 50μ" Ni  
 Insulator Material: Black Polyester UL94V-0  
 Standard: PBT/PA6T+30%G.F

### Electrical:

Current rating: 3.0Amps/contact max.  
 Contact resistance: ≤20mΩ/contact  
 Insulation resistance: ≥1000MΩ at V=100V  
 Withstanding Voltage: 1000V AC/minute

### Mechanical:

Mechanical life cycle: min.200  
 Operating temperature: -40°C to +105°C  
 Soldering temperature: +255°C

PM	1	68	12	XXX	D	XX	X	N	S	032
P/N PM=Female Header	Pitch 1=2.54	H 68=6.8mm	Product Type 12=Single Housing Dual Rows	Pins 04~80P	Right Angle Type D=DIP	Surface Plating SN Tin100u" GF Gold Flash G1 Gold 1u" G2 Gold 2u" G3 Gold 3u" G4 Gold 5u" G5 Gold 8u" G6 Gold 10u" G7 Gold 15u" G8 Gold 30u"	Housing Material A=PBT C=PA6T	Housing Type N= Normal	Terminal Type S=Square Type	Terminal PC/PW

SHENZHEN CHUANG HUI CHENG TECHNOLOGY CO., LTD. Tel: +86-755-27164749 Http://www.nicetyconn.com			
TOLERANCE	PROJECTON		TITLE:
ANGLE ±5°	DATE :	2011-04-21	PH 2.54 Female Header Square Type H 6.8 Dual Rows
X.XXX ±0.10	DRAWN :	samtek	PART NO: PM16812XXXDXXXNS032
X.XX ±0.20	CHECKED :	samtek	DRAWING NO: PM16812DS015
X.X ±0.30	APPROVED :	Fuqianshan	REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4
X. ±0.50			