



P.C.B LAYOUT

REVISION DATA

REV	DESCRIPTION	DATE
A0	NEW DRAWING	2014-09-02

Technical Data

Material:

Contact Material: Phosphor Bronze

Contact plating: Au or Sn Over 50 $\mu$ " Ni

Insulator Material: Black Polyester UL94V-0

Standard: PA6T+30%G.F

Electrical:

Current rating: 3.0Amps/contact max.

Contact resistance:  $\leq 20\text{m}\Omega$ /contact

Insulation resistance:  $\geq 1000\text{M}\Omega$  at V=100V

Withstanding Voltage: 1000V AC/minute

Mechanical:

Mechanical life cycle: min.200

Operating temperature: -40 $^{\circ}$ C to +105 $^{\circ}$ C

Soldering temperature: +255 $^{\circ}$ C

PM	1	85	12	XXX	D	XX	X	N	O	035
P/N PM=Female Header	Pitch 1=2.54	H 85=8.5mm	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 0=0 Type	Terminal PC/ PW



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TOLERANCE	PROJECTON	TITLE:
ANGLE $\pm 5^{\circ}$	DATE : 2014-09-02	PH2.54 Female Header O Type 180 Degree H 8.5 W 5.0 PC 3.5 Dual Rows
X.XXX $\pm 0.10$	DRAWN : samtek	
X.XX $\pm 0.20$	CHECKED : samtek	PART NO: PM18512XXXDXXXNO035
X.X $\pm 0.30$	APPROVED : Fuqianshan	DRAWING NO: PM18512DO033
X. $\pm 0.50$	REV: A0	UNIT: mm
		SCALE: 3:1
		SIZE: A4