

REVISION DATA		
REV	DESCRIPTION	DATE
A0	NEW DRAWING	2015-09-20

## Specification

Material:

Contact Material: Brass

Contact plating: Au or Sn Over30-50u" Ni

Insulator Material: Black Polyester UL94V-0

Standard: PBT/PA6T/PA9T/LCP+30%G.F

Electrical:

Current rating: 2.0Amps/contact max.

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

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

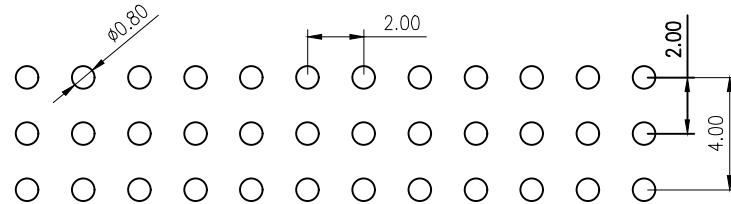
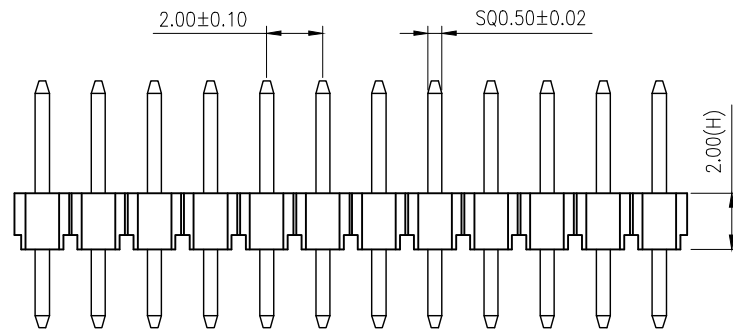
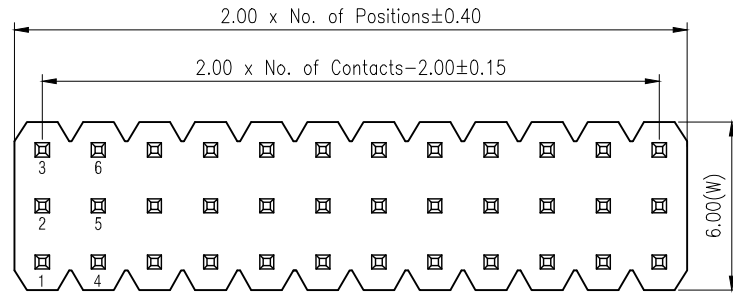
Withstanding Voltage: 500V AC/minute

Mechanical:

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

Wave soldering temperature:  $255 \pm 5^{\circ}\text{C}$ , 10s

PROJECT	PA (mm)	H (mm)	PC(mm)
Standard	4.00	2.00	2.80
Specified			

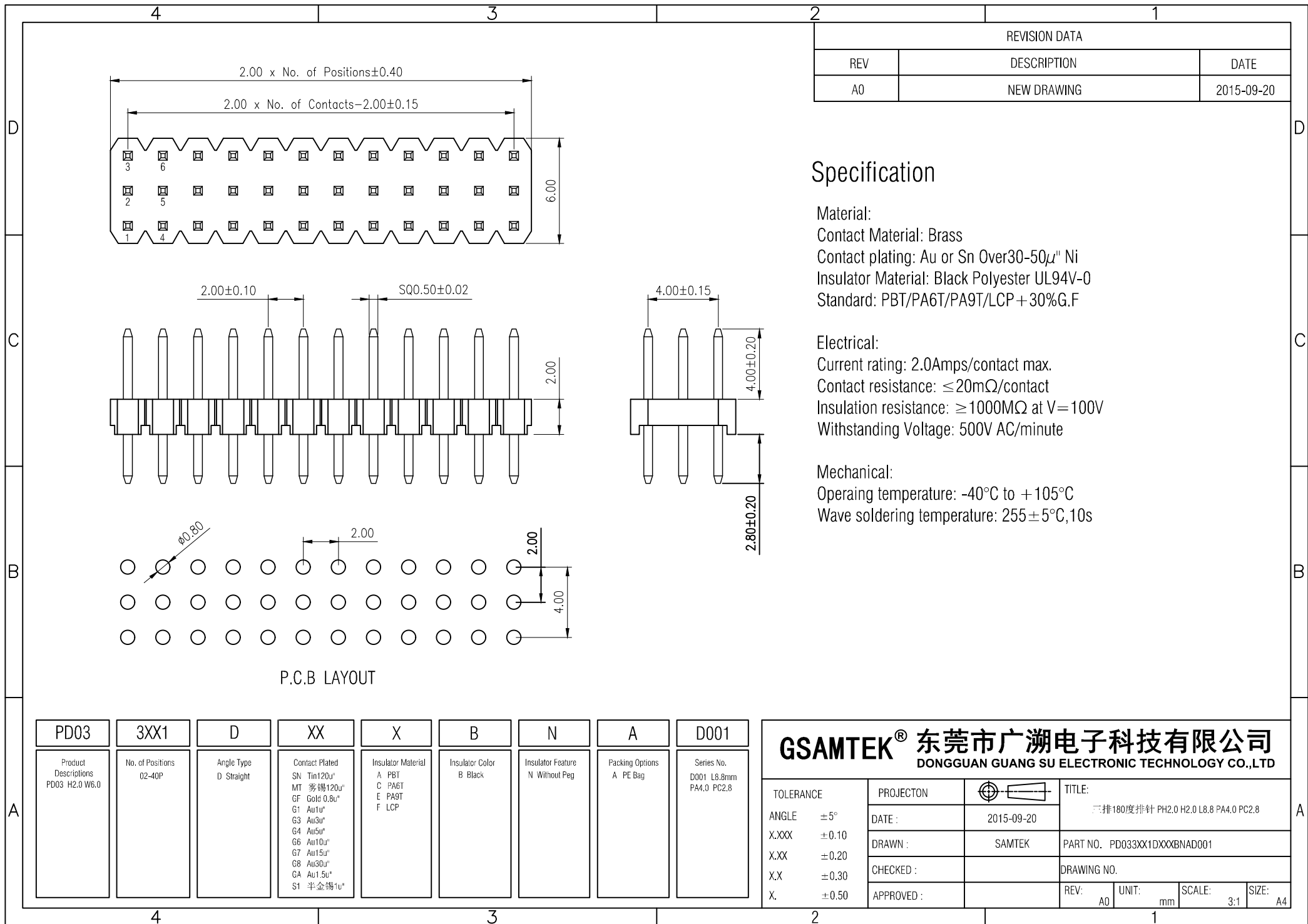


P.C.B LAYOUT

PD03	3XX1	D	XX	X	B	N	A	DXXX
Product Descriptions PD03 H2.0 W6.0	No. of Positions 02-40P	Angle Type D Straight	Contact Plated SN Tin120u" MT 锡120u" GF Gold 0.8u" G1 Au1u" G3 Au3u" G4 Au5u" G6 Au10u" G7 Au15u" G8 Au30u" GA Au1.5u" S1 半金锡1u"	Insulator Material A PBT C PA6T E PA9T F LCP	Insulator Color B Black	Insulator Feature N Without Peg	Packing Options A PE Bag	Series No. DXXX L=PA+H+PC

**GSAMTEK® 东莞市广溯电子科技有限公司**  
DONGGUAN GUANG SU ELECTRONIC TECHNOLOGY CO.,LTD

TOLERANCE	PROJECTON	TITLE:
ANGLE $\pm 5^{\circ}$	DATE: 2015-09-20	三排180度排针 PH2.0 H2.0 系列图
X.XXX $\pm 0.10$	DRAWN: SAMTEK	PART NO. PD033XX1DXXXBNADXXX
X.XX $\pm 0.20$	CHECKED:	DRAWING NO.
X.X $\pm 0.30$	APPROVED:	REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4
X. $\pm 0.50$		



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 Contact plating: Au or Sn Over $30-50\mu$ " Ni  
 Insulator Material: Black Polyester UL94V-0  
 Standard: PBT/PA6T/PA9T/LCP+30%G.F

Electrical:  
 Current rating: 2.0Amps/contact max.  
 Contact resistance:  $\leq 20m\Omega$ /contact  
 Insulation resistance:  $\geq 1000M\Omega$  at  $V=100V$   
 Withstanding Voltage: 500V AC/minute

Mechanical:  
 Operating temperature:  $-40^{\circ}C$  to  $+105^{\circ}C$   
 Wave soldering temperature:  $255 \pm 5^{\circ}C, 10s$

P.C.B LAYOUT

PD03	3XX1	D	XX	X	B	N	A	D001
Product Descriptions PD03 H2.0 W6.0	No. of Positions 02-40P	Angle Type D Straight	Contact Plated SN Tin120 $\mu$ " MT 雾锡120 $\mu$ " GF Gold 0.8 $\mu$ " G1 Au1 $\mu$ " G3 Au3 $\mu$ " G4 Au5 $\mu$ " G6 Au10 $\mu$ " G7 Au15 $\mu$ " G8 Au30 $\mu$ " GA Au1.5 $\mu$ " S1 半金锡1 $\mu$ "	Insulator Material A PBT C PA6T E PA9T F LCP	Insulator Color B Black	Insulator Feature N Without Peg	Packing Options A PE Bag	Series No. D001 L8.8mm PA4.0 PC2.8

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TOLERANCE	PROJECTON		TITLE:
ANGLE $\pm 5^{\circ}$	DATE:	2015-09-20	三排180度排针 PH2.0 H2.0 L8.8 PA4.0 PC2.8
X.XXX $\pm 0.10$	DRAWN:	SAMTEK	PART NO. PD033XX1DXXXBNAD001
X.XX $\pm 0.20$	CHECKED:		DRAWING NO.
X.X $\pm 0.30$	APPROVED:		REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4
X. $\pm 0.50$			