

G

F

E

D

C

B

A

RoHS

SPECIFICATIONS
Rated Current:3.0AMP
Contact Resistance:20mΩ Max
Withstand Voltage:1000V AC/DC
Insulation Resistance:1000MΩ Min
Operation Temperature:-40°c to +105°c

Contact Material:Brass
Contact Plating:Au Over Ni
Insulator Material:Polyester(UL94V-0)
Standard: PA6T
Max.Processing Temp: 230°C for 30-60 seconds
(260°C for 10 seconds)

Recommended P.C.B Layout(Top Side)
(PCB BOARD TOLERANCE±0.05)

2.54xNo.of Positions+0.4±0.3

2.54x(N-1)Positions±0.15

2.54

φ1.02

2.54x(N-1)Positions

2.5±0.15

1P 2P

8.5±0.15

2.54±0.1

-0.64x0.4

3.00±0.25

				OPERATION		DRAW			SCALE	FIT	深圳市连盛精密连接器有限公司	
				X.X	±0.30					UNIT	mm	
				X.XX	±0.20	CHECK			SIZE	A4	PART NO.	1020300082
A0	2012.03.28	NEW DRAWING		X.XXX	±0.10				SHEET	1/1	TITLE:	2.54FH H8.5mm 1x3pin 180° W2.5mm
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	±3°	APPROVE			PROJ.	◆		
				DIM	TOL							

1

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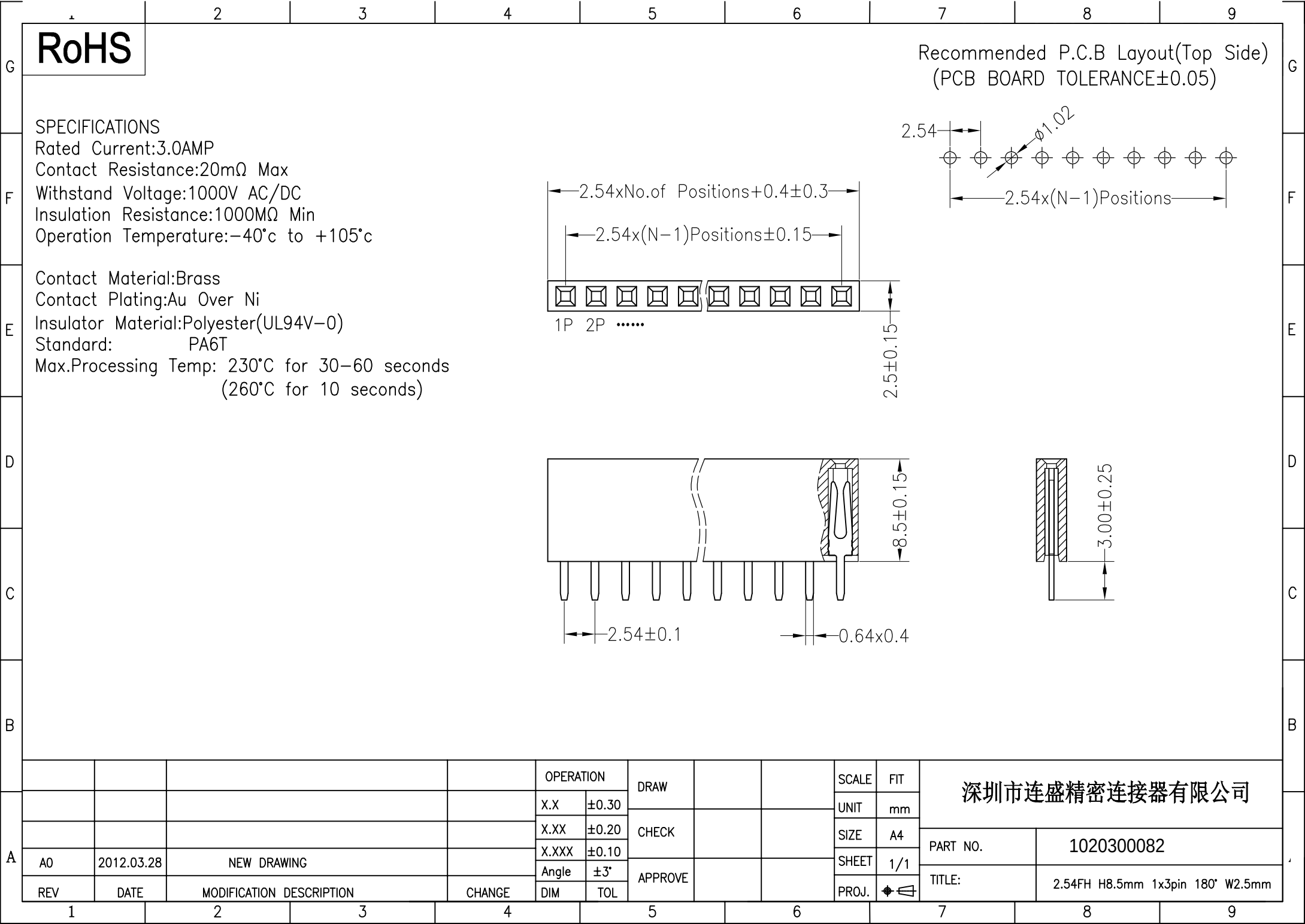
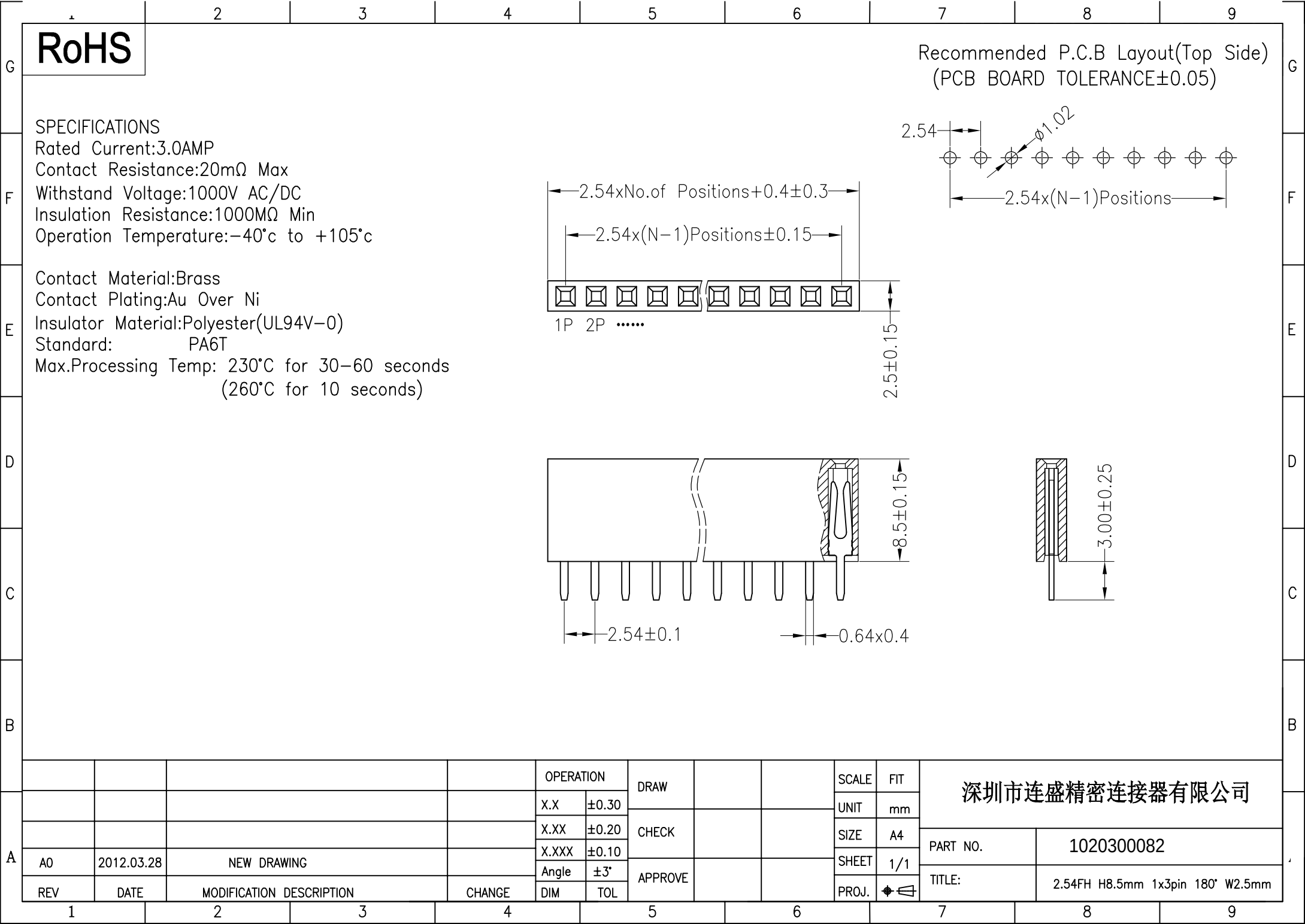
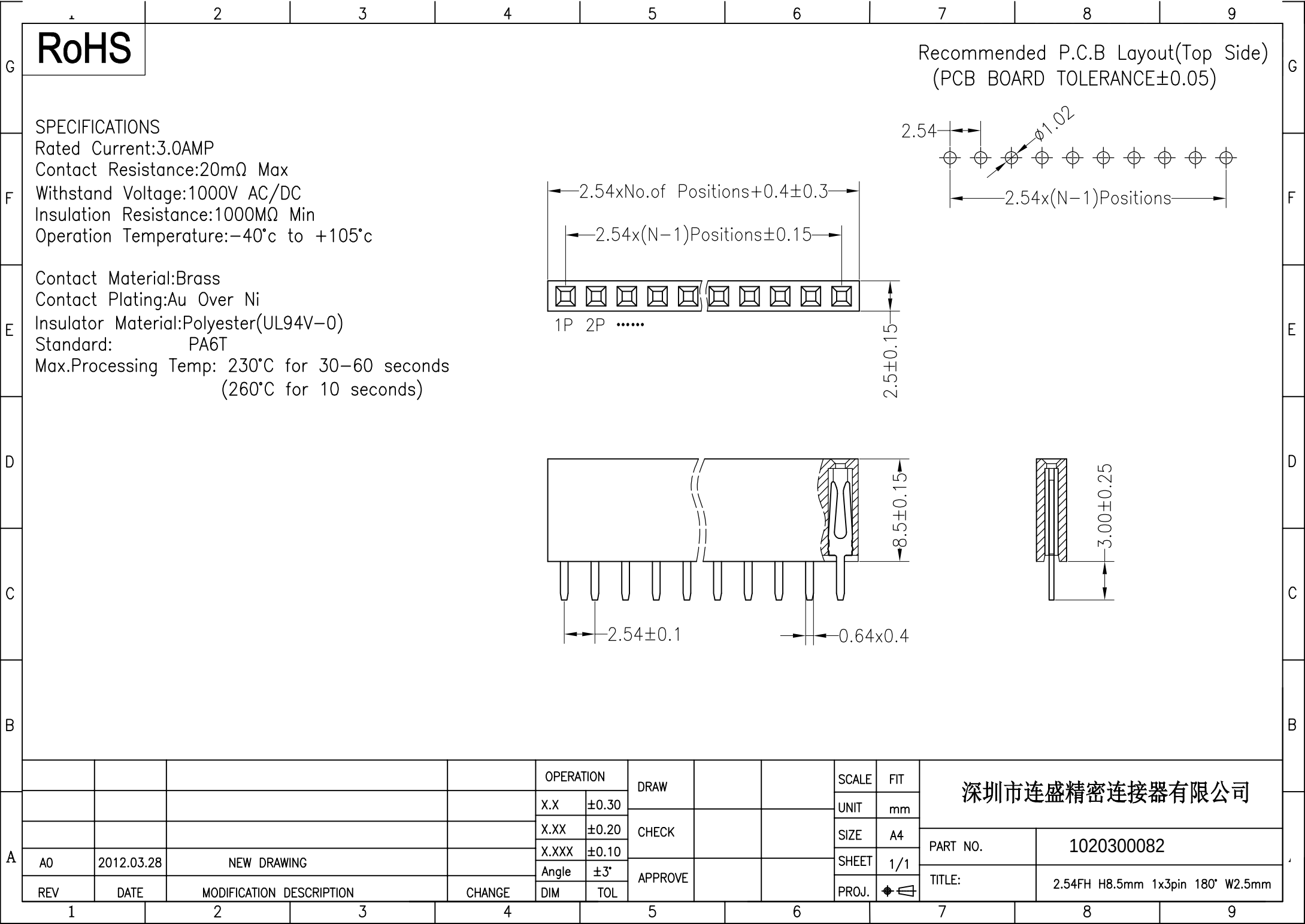
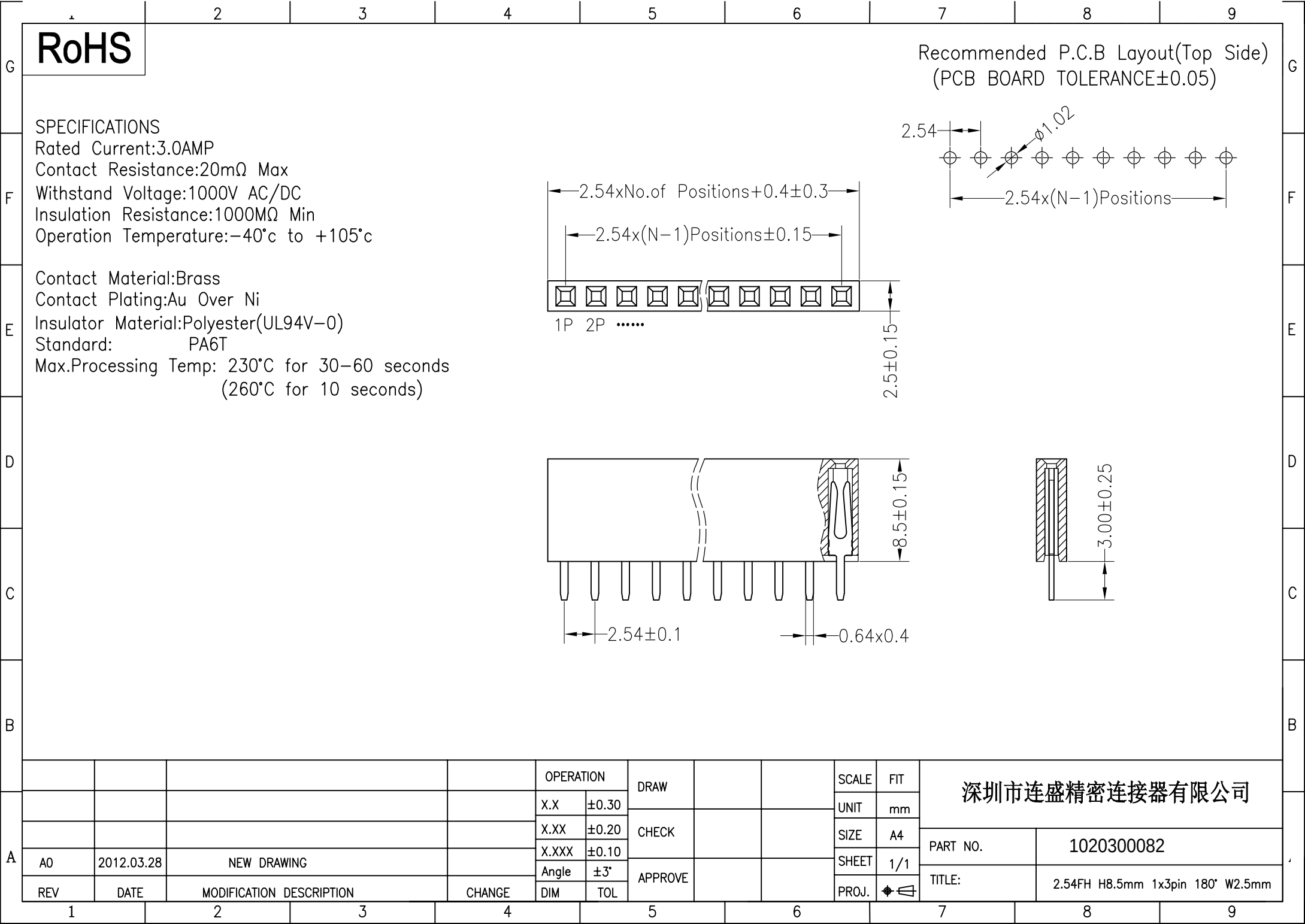
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G	RoHS									G																																																																								
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E	Contact Material:Brass Contact Plating:Au Over Ni Insulator Material:Polyester(UL94V-0) Standard: PA6T Max.Processing Temp: 230°C for 30-60 seconds (260°C for 10 seconds)						The top view shows a rectangular array of pins. The overall width is labeled as $2.54 \times \text{No. of Positions} + 0.4 \pm 0.3$. The distance between the first two pins is 2.54. The distance between the last two pins is $2.54 \times (N - 1) \text{ Positions}$. A circular feature with diameter $\phi 1.02$ is shown near the center. The height of the pin area is 2.5 ± 0.15. 1P 2P			E																																																																								
D							The side view shows the profile of the pins. The total height of the assembly is 8.5 ± 0.15. The pin pitch is 2.54 ± 0.1. The pin thickness is 0.64×0.4. A detail view shows the pin cross-section with a height of 3.00 ± 0.25.			D																																																																								
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A	<table border="1"><thead><tr><th colspan="4"></th><th colspan="2">OPERATION</th><th colspan="2">DRAW</th><th colspan="2">SCALE</th><th colspan="2">FIT</th><th colspan="2" rowspan="4">深圳市连盛精密连接器有限公司</th></tr><tr><th colspan="4"></th><th>X.X</th><th>±0.30</th><th colspan="2"></th><th>UNIT</th><th>mm</th></tr><tr><th colspan="4"></th><th>X.XX</th><th>±0.20</th><th colspan="2">CHECK</th><th>SIZE</th><th>A4</th></tr><tr><th colspan="4"></th><th>X.XXX</th><th>±0.10</th><th colspan="2"></th><th>SHEET</th><th>1/1</th></tr><tr><th>REV</th><th>DATE</th><th colspan="2">MODIFICATION DESCRIPTION</th><th>CHANGE</th><th>DIM</th><th>TOL</th><th>APPROVE</th><th colspan="2"></th><th>PROJ.</th><th>◆</th><th>PART NO.</th><th>1020300082</th></tr></thead><tbody><tr><td>A0</td><td>2012.03.28</td><td colspan="2">NEW DRAWING</td><td></td><td>Angle</td><td>±3°</td><td></td><td></td><td></td><td></td><td></td><td>TITLE:</td><td>2.54FH H8.5mm 1x3pin 180° W2.5mm</td></tr></tbody></table>													OPERATION		DRAW		SCALE		FIT		深圳市连盛精密连接器有限公司						X.X	±0.30			UNIT	mm					X.XX	±0.20	CHECK		SIZE	A4					X.XXX	±0.10			SHEET	1/1	REV	DATE	MODIFICATION DESCRIPTION		CHANGE	DIM	TOL	APPROVE			PROJ.	◆	PART NO.	1020300082	A0	2012.03.28	NEW DRAWING			Angle	±3°						TITLE:	2.54FH H8.5mm 1x3pin 180° W2.5mm	
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