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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

W±0.15

1P 2P

2.54

2.54x(N-1)Positions

Ø1.02

H±0.15

PC±0.25

2.54±0.1

0.64x0.4

Dimension antitheses list

ITEM	PB	PC	PW	H	W
001		3.0		8.5	2.5
002					

				OPERATION				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		
A0	2014.03.28	NEW DRAWING		X.XXX	±0.10			SHEET	1/1	PART NO.	1020300249
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	Angle	±3°	APPROVE		PROJ.	◆	TITLE:	2.54FH H=8.5 W=2.5 1*12P DIP PC3.0 Y型 AU1U 青铜 PA6T
1	2	3	4	5	6	7	8	9			

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The top view shows two rows of pins. The first row has dimensions: total length $2.54 \times \text{No.of Positions} + 0.4 \pm 0.3$, distance between first and last pin $2.54 \times (\text{N}-1) \text{Positions} \pm 0.15$, individual pin width $\phi 1.02$, and center-to-center pitch 2.54 . The second row shows a single pin dimension $W \pm 0.15$.

The side view shows the profile of the connector. It indicates a pitch of 2.54 ± 0.1 mm between pins, a contact thickness of $H \pm 0.15$ mm, and a base width of 0.64×0.4 mm.

A cross-sectional view of the insulating housing, showing its overall width as $PC \pm 0.25$ mm.

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REV	DATE	MODIFICATION DESCRIPTION				CHANGE	DIM	TOL				PROJ.		TITLE:	PART NO. 1020300249				
																2.54FH H=8.5 W=2.5 1*12P DIP PC3.0 Y型 AU1U 青铜 PA6T			

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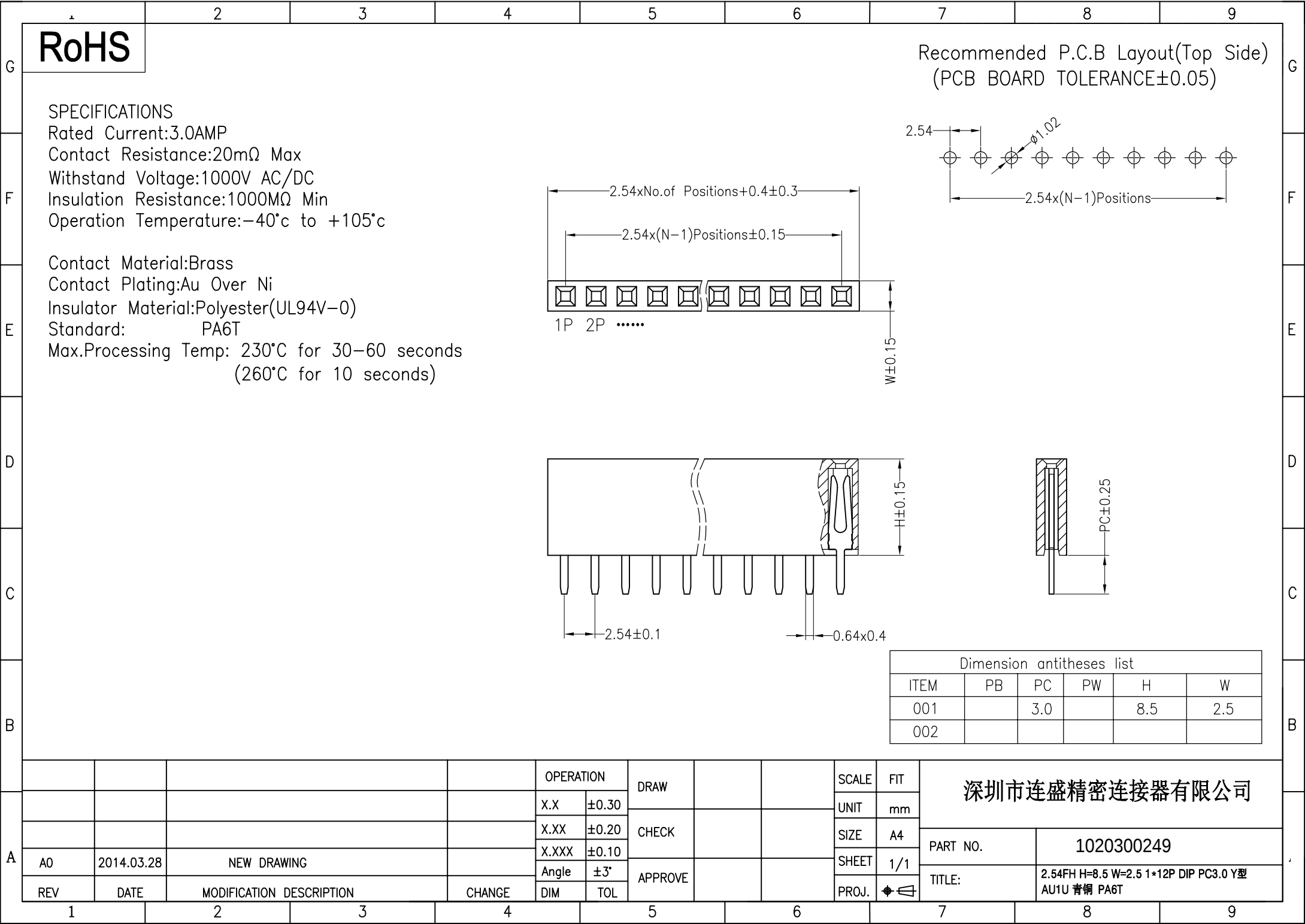
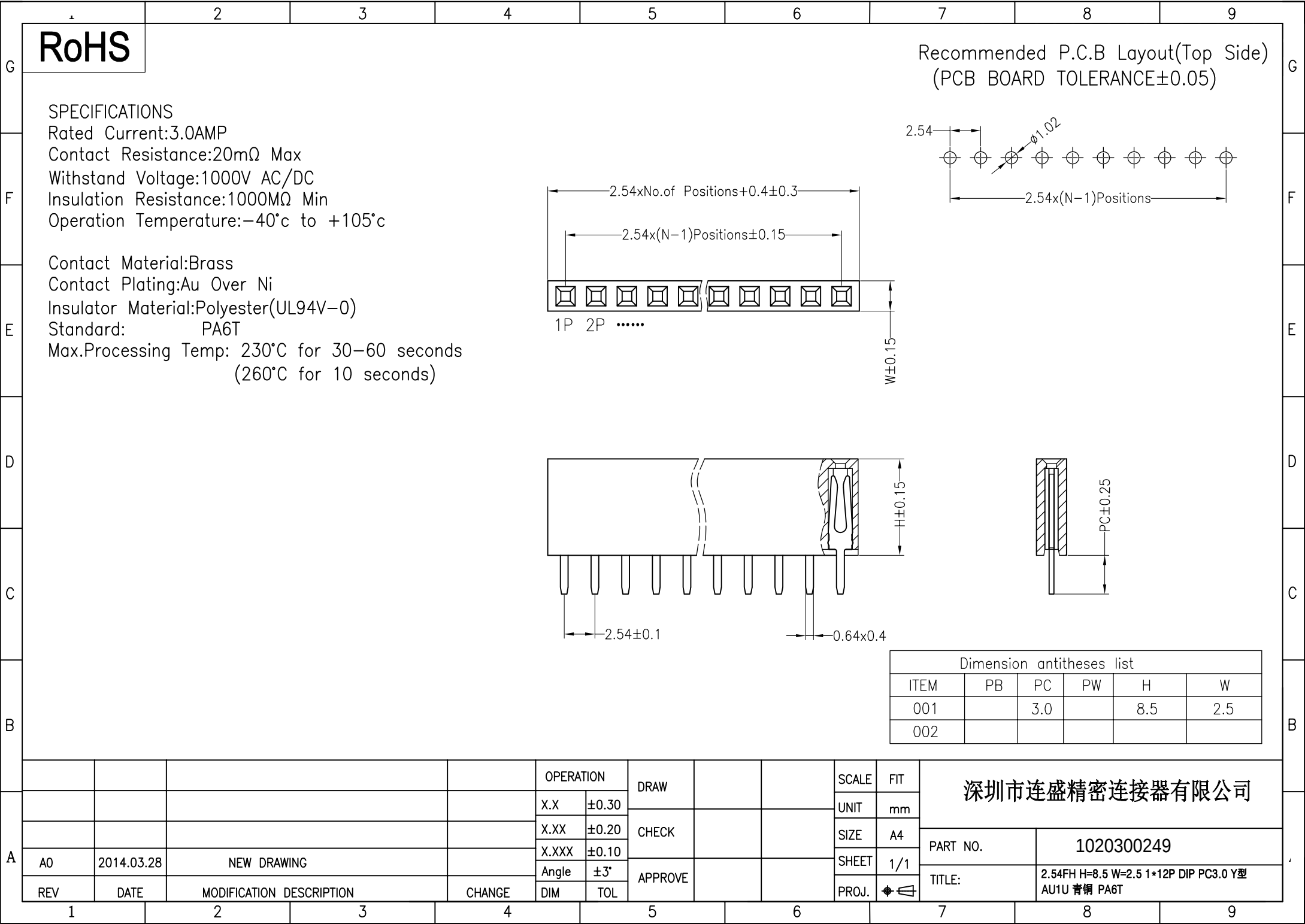
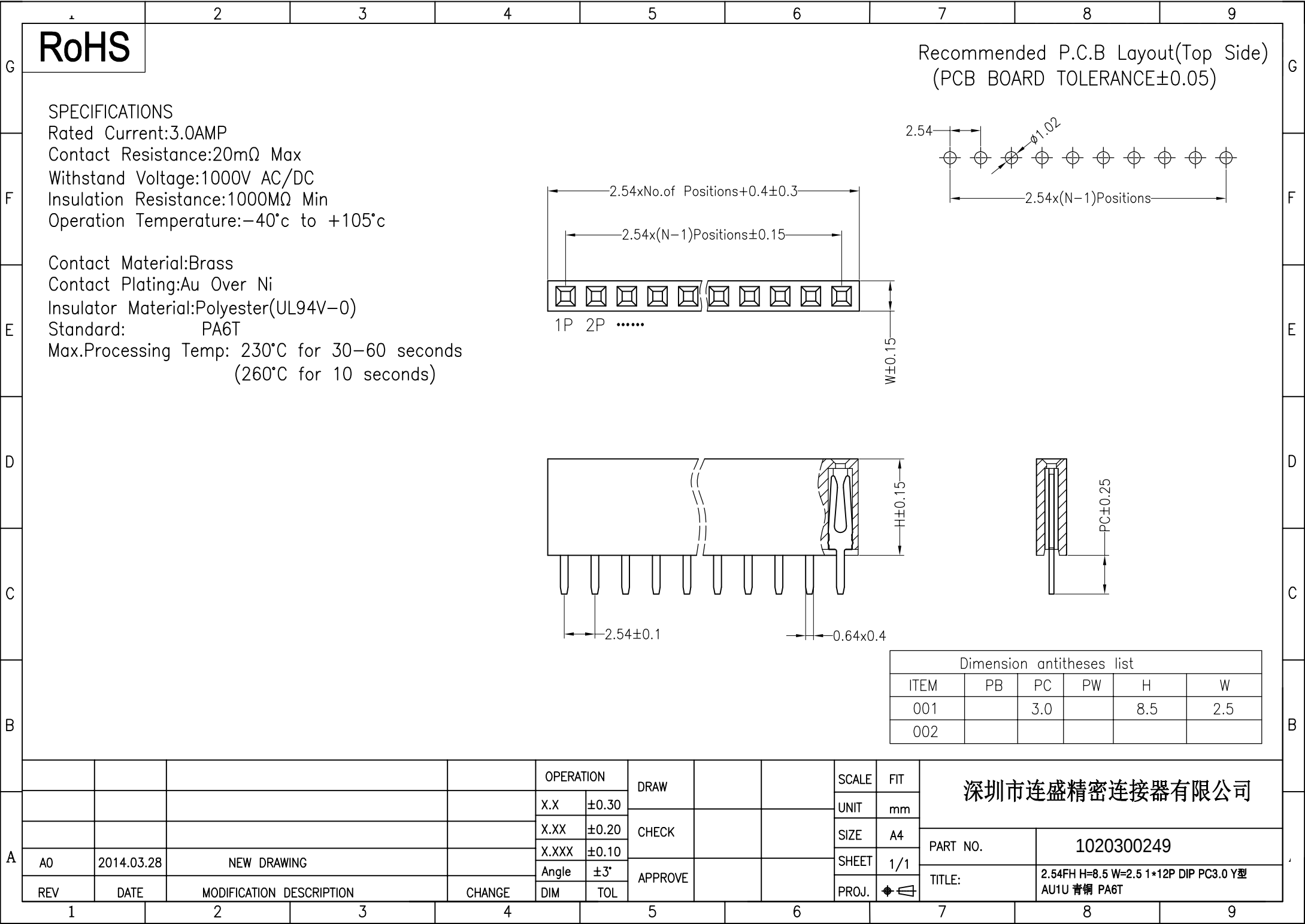
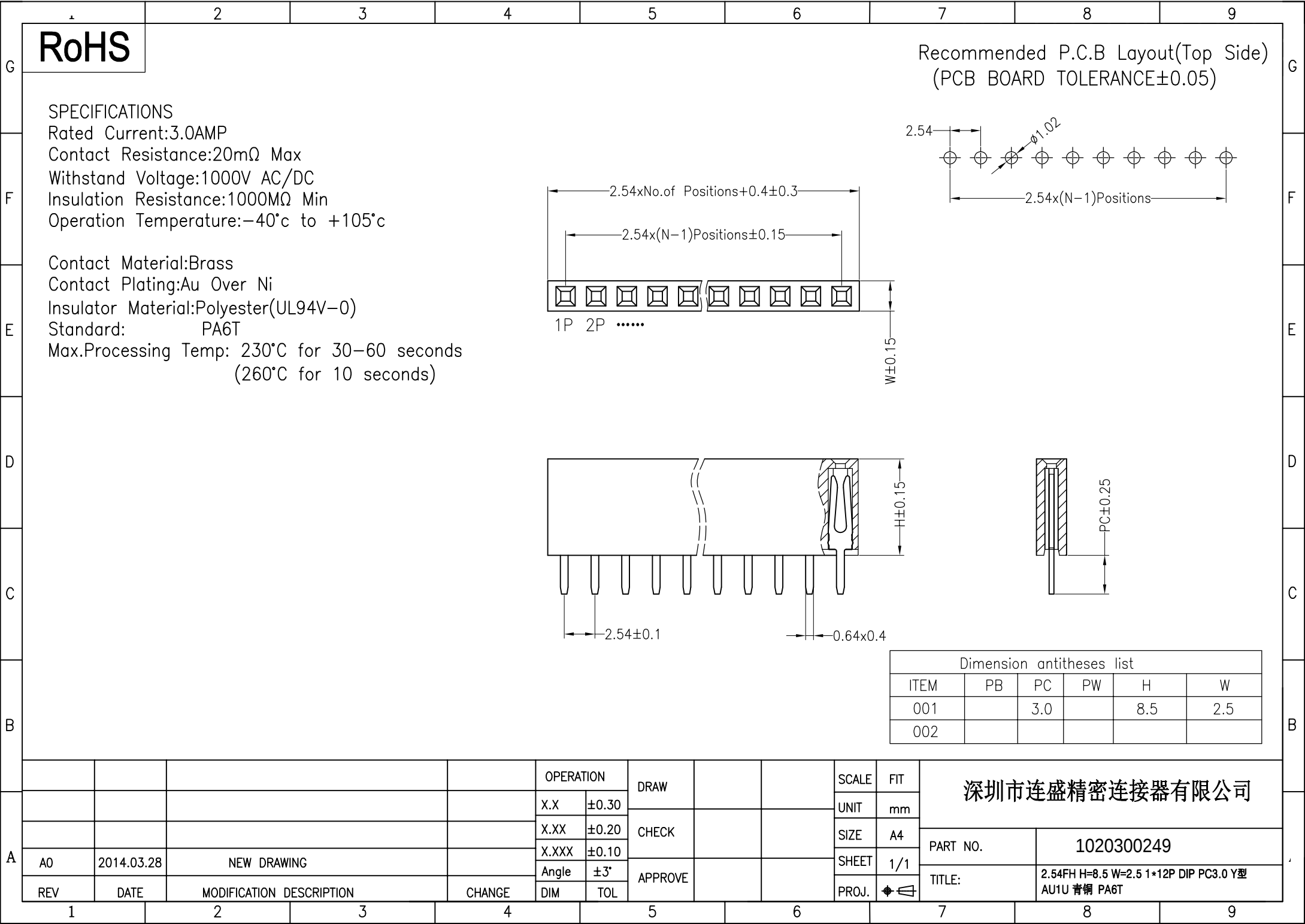
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