

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)

The technical drawing includes three views:

- Top View:** Shows two rows of 10 pins each. Dimensions include overall width $2.54 \times \text{No. of Positions} + 0.4 \pm 0.3$, pitch 2.54 ± 0.1 , and row height 5.0 ± 0.15 .
- Side View:** Shows the profile of the connector. Dimensions include total length 38.46 ± 0.2 , mounting hole diameter $2 - \phi 1.5$, and various thicknesses like 7.1 ± 0.15 , 2.50 , 1.5 , and 2.0 .
- Cross-section View:** Shows the internal assembly. Dimensions include pin diameter 2.54 ± 0.1 , total height $12.1^{+0.25}_{-0.1}$, and base width 9.1 ± 0.25 .

料号 : 301100220S2S5R032

ITEM	H	D	W
Alternate	12.1	0.10	9.10

				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 <th>SIZE</th> <th>A4</th>	SIZE	A4			
A0	2012.10.08	NEW DRAWING		X.XXX	±0.10	APPROVE <th>SHEET</th> <td>1/1</td> <td>PART NO.</td> <td colspan="2">1020300300</td>	SHEET	1/1	PART NO.	1020300300	
REV	DATE	MODIFICATION DESCRIPTION		CHANGE	DIM		TOL	PROJ.		TITLE:	2.54FH 3H=7.1+2.5+2.0 2x20P SMT W5.0mm L=13.7

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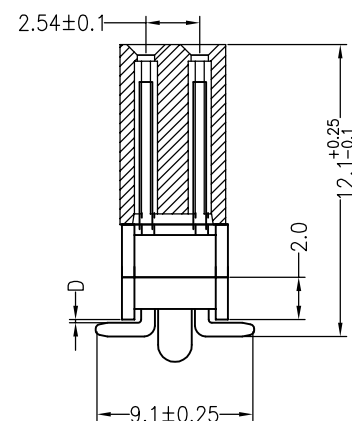
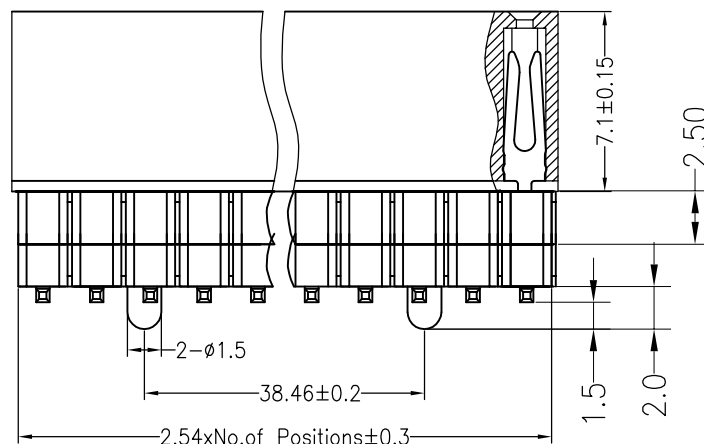
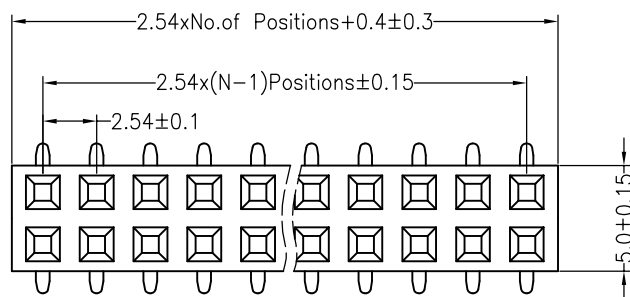
6

7

8

9

Max.Processing Temp: 230°C for 30–60 seconds
(260°C for 10 seconds)



Dimension antitheses list			
ITEM	H	D	W
Alternate	12.1	0.10	9.10

				OPERATION		DRAW			SCALE	FIT	深圳市连盛精密连接器有限公司	
				X.X	±0.30					UNIT		
				X.XX	±0.20	CHECK			SIZE	A4	PART NO.	1020300300
A0	2012.10.08	NEW DRAWING		X.XXX	±0.10					SHEET		
				Angle	±3°	APPROVE					TITLE:	2.54FH 3H=7.1+2.5+2.0 2x20P SMT W5.0mm L=13.7
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL					PROJ.		