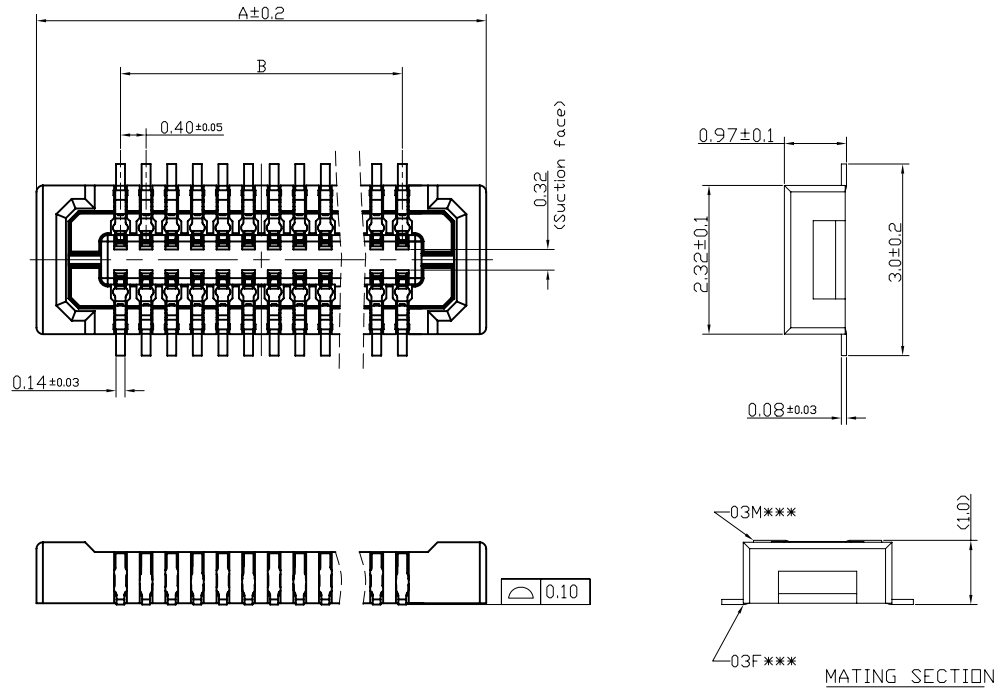


REV	ECN NO	DRA	APPD	DATE
A	FIRST RELEASE	George Gao	Hunan Zhou	2013.09.12



Specifications:

1) Material:

- 1-1. Molded portion: LCP resin (UL94 V-0)
- 1-2. Contact and Post: Copper alloy.

2) Surface treatment:

- 2-1. Terminal portion: Base: Ni plating Surface: Au plating (except the terminal tips) ; Exposed nickel portions.
- 2-2. Metal clips: Base: Ni plating Surface: Au flash plating (except the terminal tips) Or Base: Ni plating Surface: Sn flash plating (except the terminal tips)

3) Characteristics:

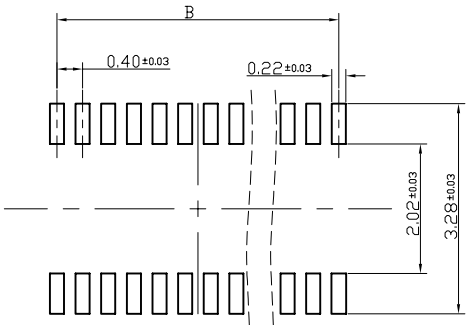
- 3-1. Rated voltage: 60V AC/DC
- 3-2. Rated current: 0.3A/contact (Max. 5A at total contact)
- 3-3. Insulation resistance: Min. 1000M Ω (initial)
- 3-4. Breakdown voltage: 150V AC for 1 min.
- 3-5. Saltwater spray resistance (header and socket mated): 24 hours, insulation resistance min. 100M Ω , contact resistance max. 90m Ω
- 3-6. Contact resistance: Max. 90m Ω
- 3-7. Ambient temperature: -55 $^{\circ}$ C~+85 $^{\circ}$ C
- 3-8. Storage temperature: -55 $^{\circ}$ C~+85 $^{\circ}$ C (product only); -40 $^{\circ}$ C~+50 $^{\circ}$ C (emboss packing)
- 3-9. Composite insertion force: Max. 0.981N/contacts X contacts (initial)
- 3-10. Composite removal force: Min. 0.165N/contacts X contacts
- 3-11. Post holding force: Min. 0.49N/contacts
- 3-12. Insertion and removal life: 50 times

5003-NF***-04

HEADER PITCH-0.4MM
NUMBER OF CONTACTS

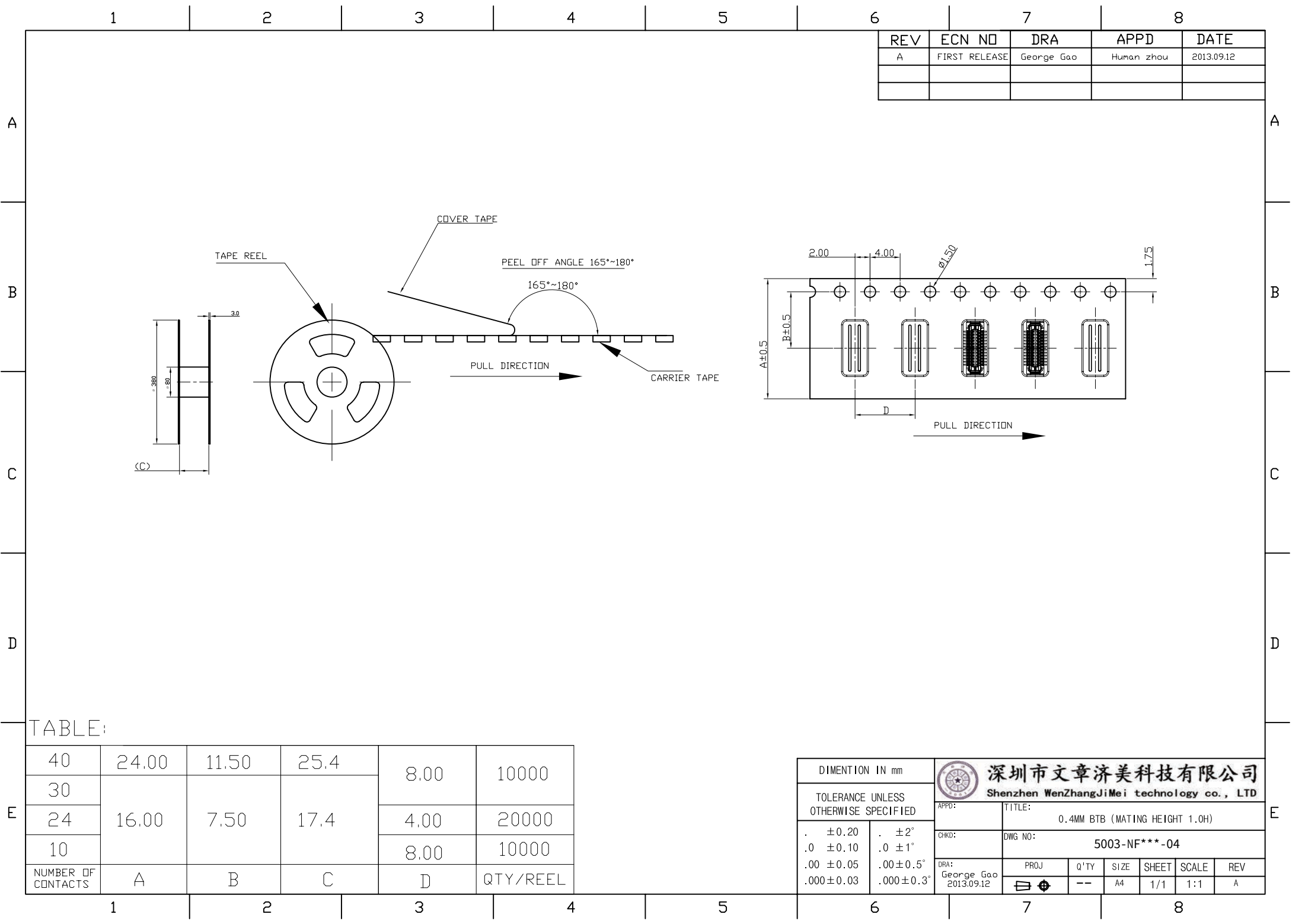
TABLE:

40	10.22	7.60
30	8.22	5.60
24	7.02	4.40
10	5.82	1.60
NUMBER OF CONTACTS	A	B



RECOMMENDED PCB LAYOUT

DIMENTION IN mm		深圳市文章济美科技有限公司 Shenzhen WenZhangJiMei technology co., LTD						
TOLERANCE UNLESS OTHERWISE SPECIFIED		APPD:	TITLE: 0.4MM BTB (MATING HEIGHT 1.0H)					
. ±0.20	. ±2°	CHKD:	DWG NO: 5003-NF***-04					
.0 ±0.10	.0 ±1°	DRA: George Gao 2013.09.12	PROJ	Q'TY	SIZE	SHEET	SCALE	REV
.00 ±0.05	.00 ±0.5°							
.000 ±0.03	.000 ±0.3°							



REV	ECN NO	DRA	APPD	DATE
A	FIRST RELEASE	George Gao	Human zhou	2013.09.12

TABLE:

40	24.00	11.50	25.4	8.00	10000
30	16.00	7.50	17.4		
24				4.00	20000
10				8.00	10000
NUMBER OF CONTACTS	A	B	C	D	QTY/REEL

DIMENTION IN mm		 深圳市文章济美科技有限公司 Shenzhen WenZhangJiMei technology co., LTD						
TOLERANCE UNLESS OTHERWISE SPECIFIED		APPD:	TITLE: 0.4MM BTB (MATING HEIGHT 1.0H)					
. ±0.20 .0 ±0.10 .00 ±0.05 .000±0.03		CHKD:	DWG NO: 5003-NF***-04					
. ±2° .0 ±1° .00 ±0.5° .000±0.3°		DRA: George Gao 2013.09.12	PROJ	Q'TY	SIZE	SHEET	SCALE	REV
			--	A4	1/1	1:1	A	