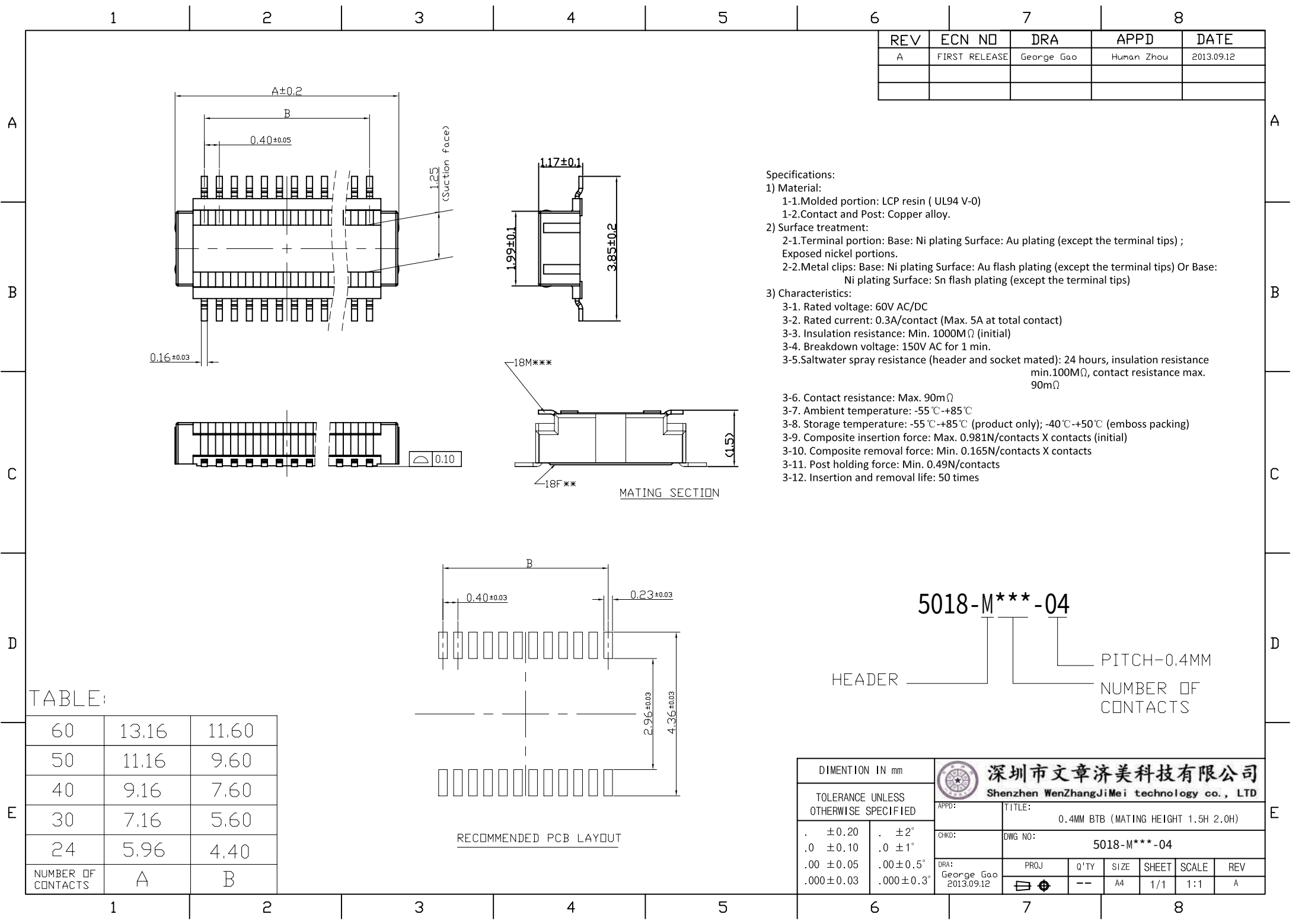




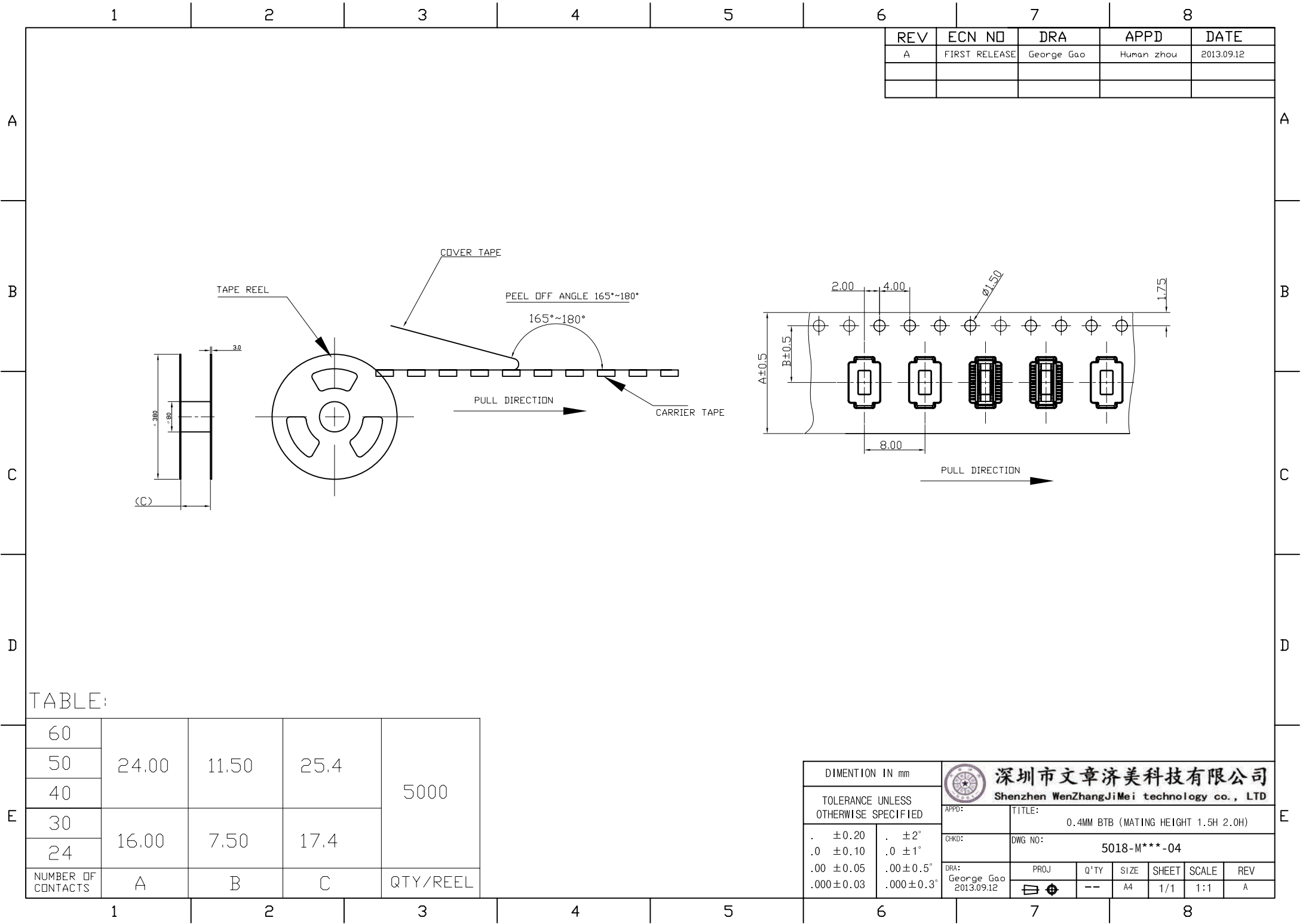
REV	ECN NO	DRA	APPD	DATE
A	FIRST RELEASE	George Gao	Human Zhou	2013.09.12

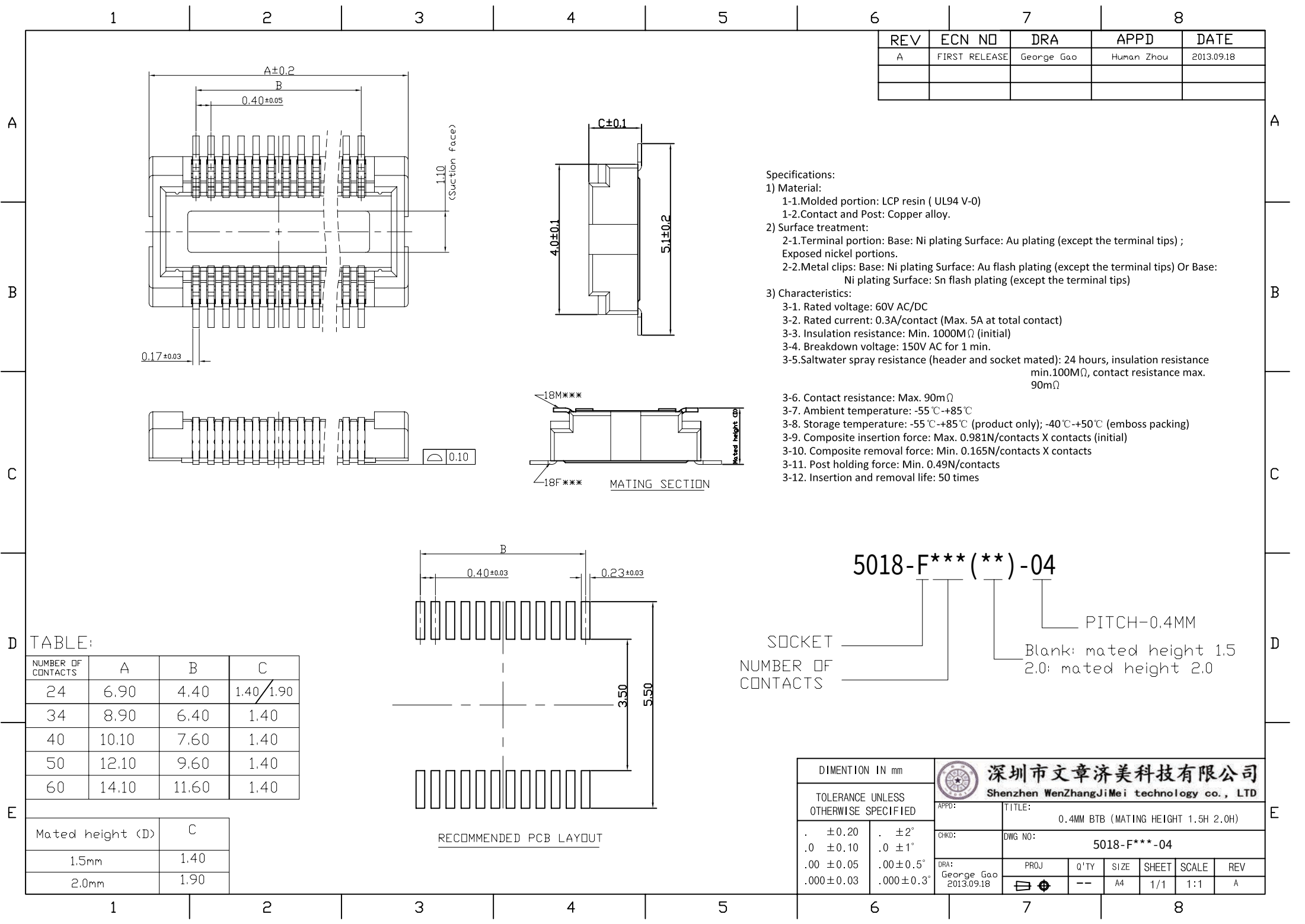
- Specifications:
- 1) Material:
- 1-1.Molded portion: LCP resin (UL94 V-0)
 - 1-2.Contact and Post: Copper alloy.
- 2) Surface treatment:
- 2-1.Terminal portion: Base: Ni plating Surface: Au plating (except the terminal tips) ; Exposed nickel portions.
 - 2-2.Metal clips: Base: Ni plating Surface: Au 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

TABLE:

60	13.16	11.60
50	11.16	9.60
40	9.16	7.60
30	7.16	5.60
24	5.96	4.40
NUMBER OF CONTACTS	A	B

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 1.5H 2.0H)						
. ±0.20 .0 ±0.10 .00 ±0.05 .000±0.03		CHKD:	DWG NO: 5018-M***-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	





REV	ECN NO	DRA	APPD	DATE
A	FIRST RELEASE	George Gao	Human Zhou	2013.09.18

- 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

5018-F***(**)-04

SOCKET
NUMBER OF CONTACTS

PITCH-0.4MM

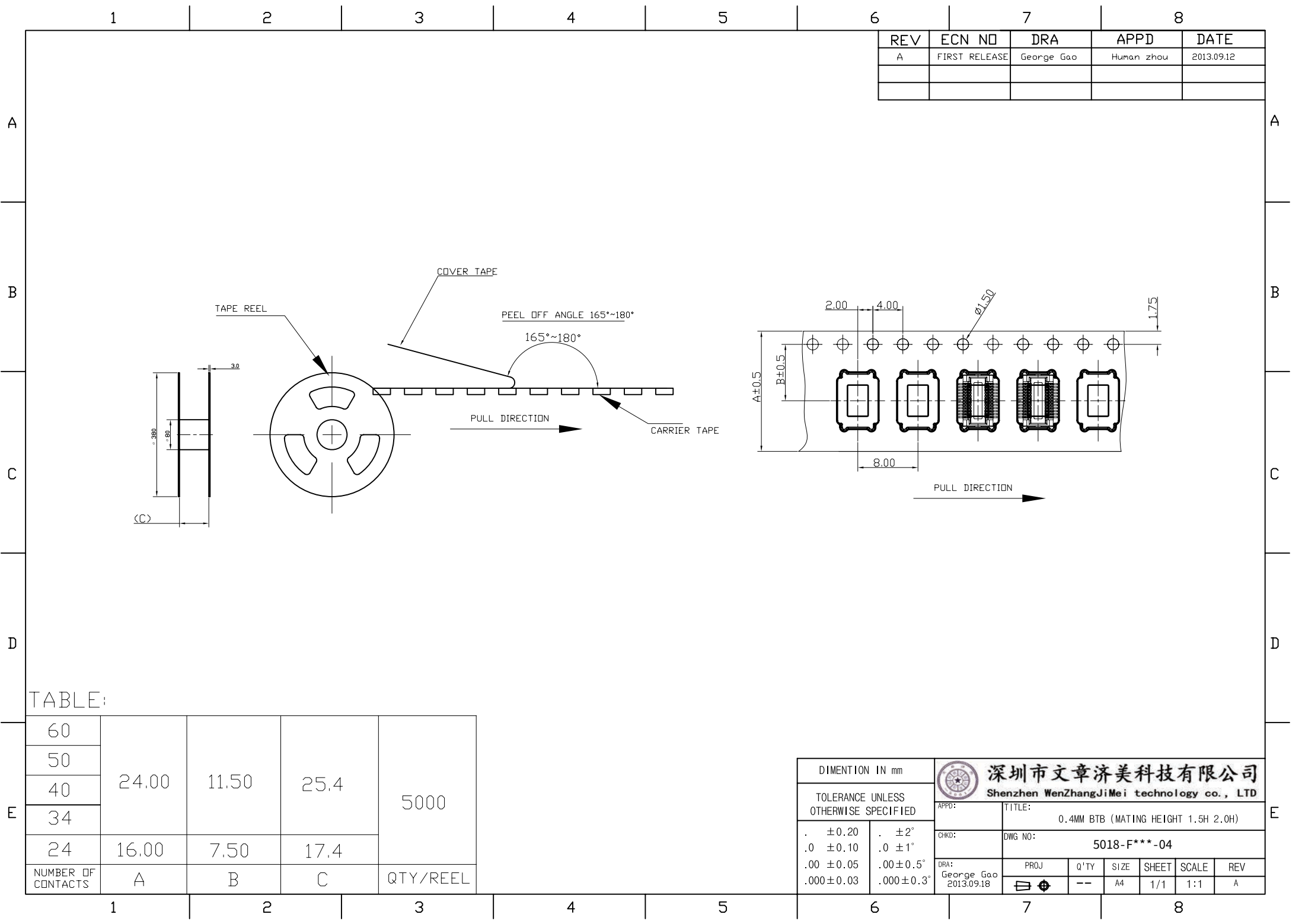
Blank: mated height 1.5
2.0: mated height 2.0

TABLE:

NUMBER OF CONTACTS	A	B	C
24	6.90	4.40	1.40/1.90
34	8.90	6.40	1.40
40	10.10	7.60	1.40
50	12.10	9.60	1.40
60	14.10	11.60	1.40

Mated height (D)	C
1.5mm	1.40
2.0mm	1.90

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 1.5H 2.0H)						
. ± 0.20 .0 ± 0.10 .00 ± 0.05 .000 ± 0.03		CHKD:	DWG NO: 5018-F***-04						
. $\pm 2^{\circ}$.0 $\pm 1^{\circ}$.00 $\pm 0.5^{\circ}$.000 $\pm 0.3^{\circ}$		DRA: George Gao 2013.09.18	PROJ	Q'TY	SIZE	SHEET	SCALE	REV	
			☐	--	A4	1/1	1:1	A	



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

A

A

B

B

C

C

D

D

E

E

TABLE:

60	24.00	11.50	25.4	5000
50				
40				
34				
24	16.00	7.50	17.4	
NUMBER OF CONTACTS	A	B	C	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 1.5H 2.0H)					
. ±0.20 .0 ±0.10 .00 ±0.05 .000±0.03	. ±2° .0 ±1° .00±0.5° .000±0.3°	CHKD:	DWG NO: 5018-F***-04					
		DRA: George Gao 2013.09.18	PROJ	Q'TY	SIZE	SHEET	SCALE	REV
			--	A4	1/1	1:1	A	