

1

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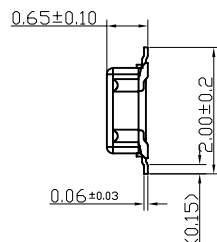
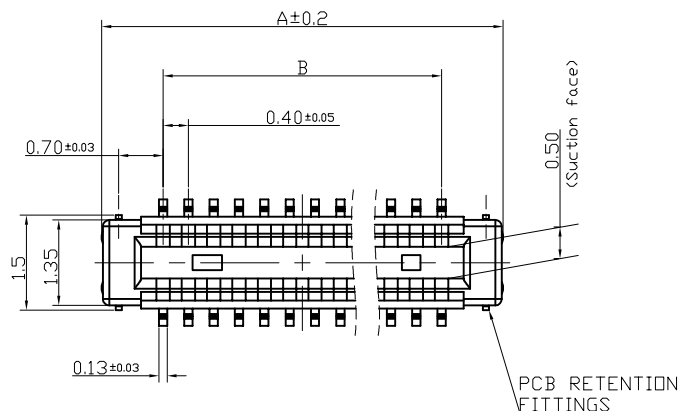
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7

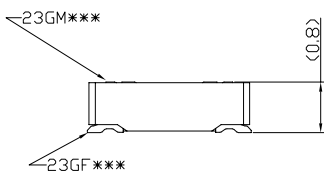
8

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

A



B



MATING SECTION

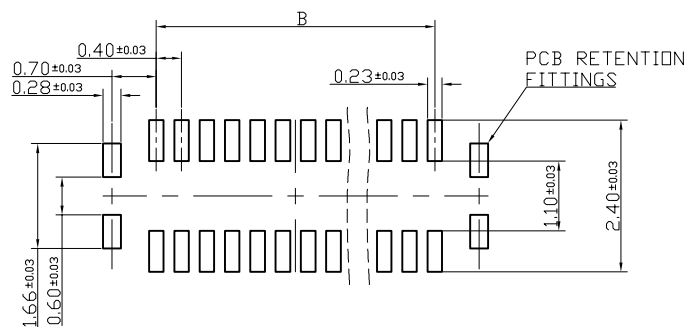
C

D

TABLE:

40	9.54	7.60
30	7.54	5.60
24	6.34	4.40
16	4.74	2.80
10	3.54	1.60
NUMBER OF CONTACTS	A	B

E



RECOMMENDED PCB LAYOUT

## 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: Ni 60-90u" ;  
Au plating (except the terminal tips): Contact area: Au 4u"min, Solder area: Au 2u"Min ;  
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. 1000MΩ (initial)
- 3-4. Breakdown voltage: 150V AC for 1 min.
- 3-5. Saltwater spray resistance (header and socket mated): 24 hours, insulation resistance min. 100MΩ, contact resistance max. 90mΩ
- 3-6. Contact resistance: Max. 90mΩ
- 3-7. Ambient temperature: -55℃~+85℃
- 3-8. Storage temperature: -55℃~+85℃ (product only); -40℃~+50℃ (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

OK-23GM\*\*\*-04(002A)

HEADER

PITCH-0.4MM

NUMBER OF CONTACTS

DIMENSION IN mm		 正奇科技 OCN TECHNOLOGY							
TOLERANCE UNLESS OTHERWISE SPECIFIED		APPRO:	TITLE: 0.4MM BTB (MATING HEIGHT 0.8H)						
. ±0.20	. ±2°	CHKD:	DWG NO: OK-23GM***-04(002A)						
.0 ±0.10	.0 ±1°	DRA:	PROJ	Q'TY	SIZE	SHEET	SCALE	REV	
.00 ±0.05	.00 ±0.5°	George Gao							
.000 ±0.03	.000 ±0.3°	2013.10.12		--	A4	1/1	1:1	A	

1

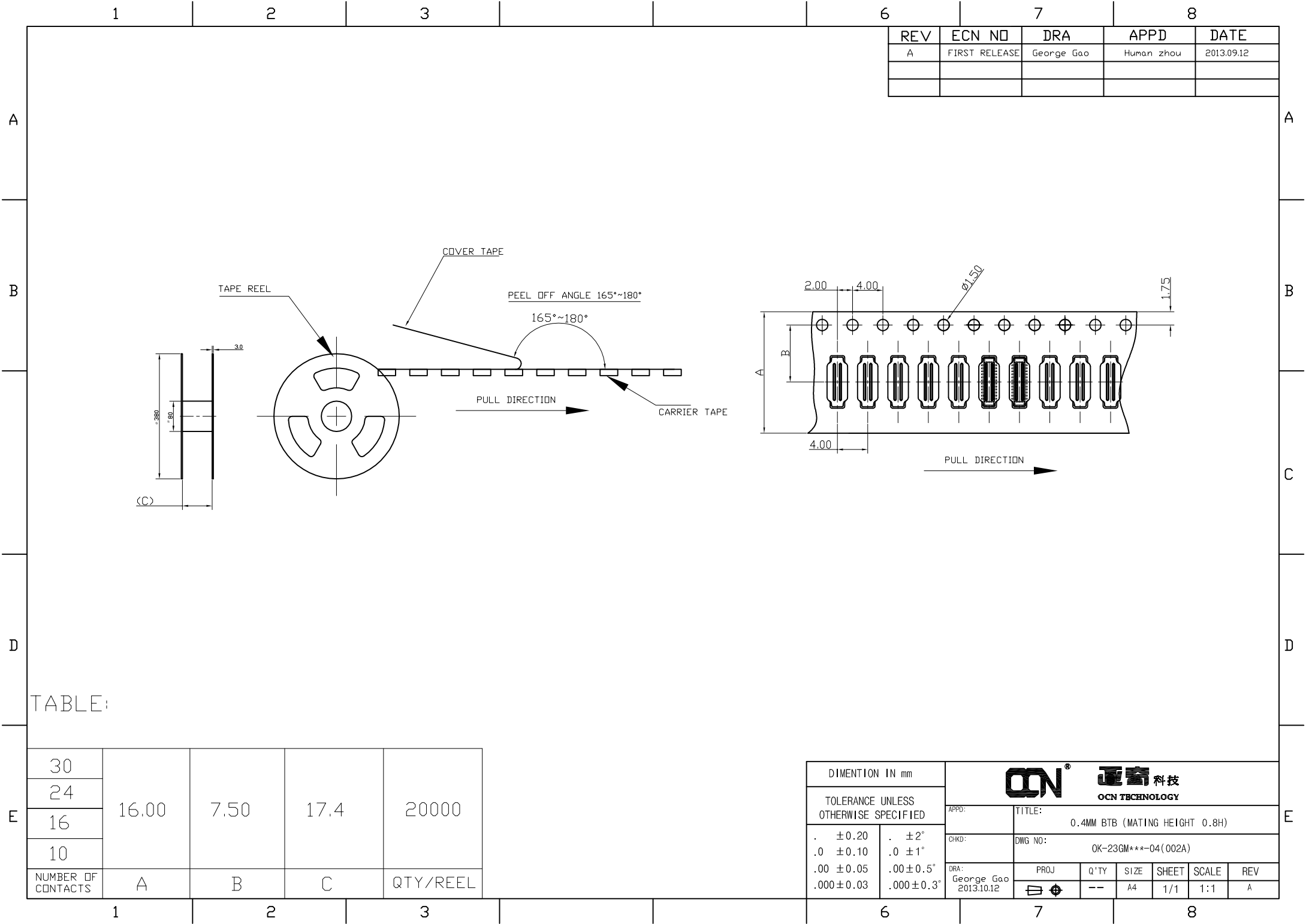
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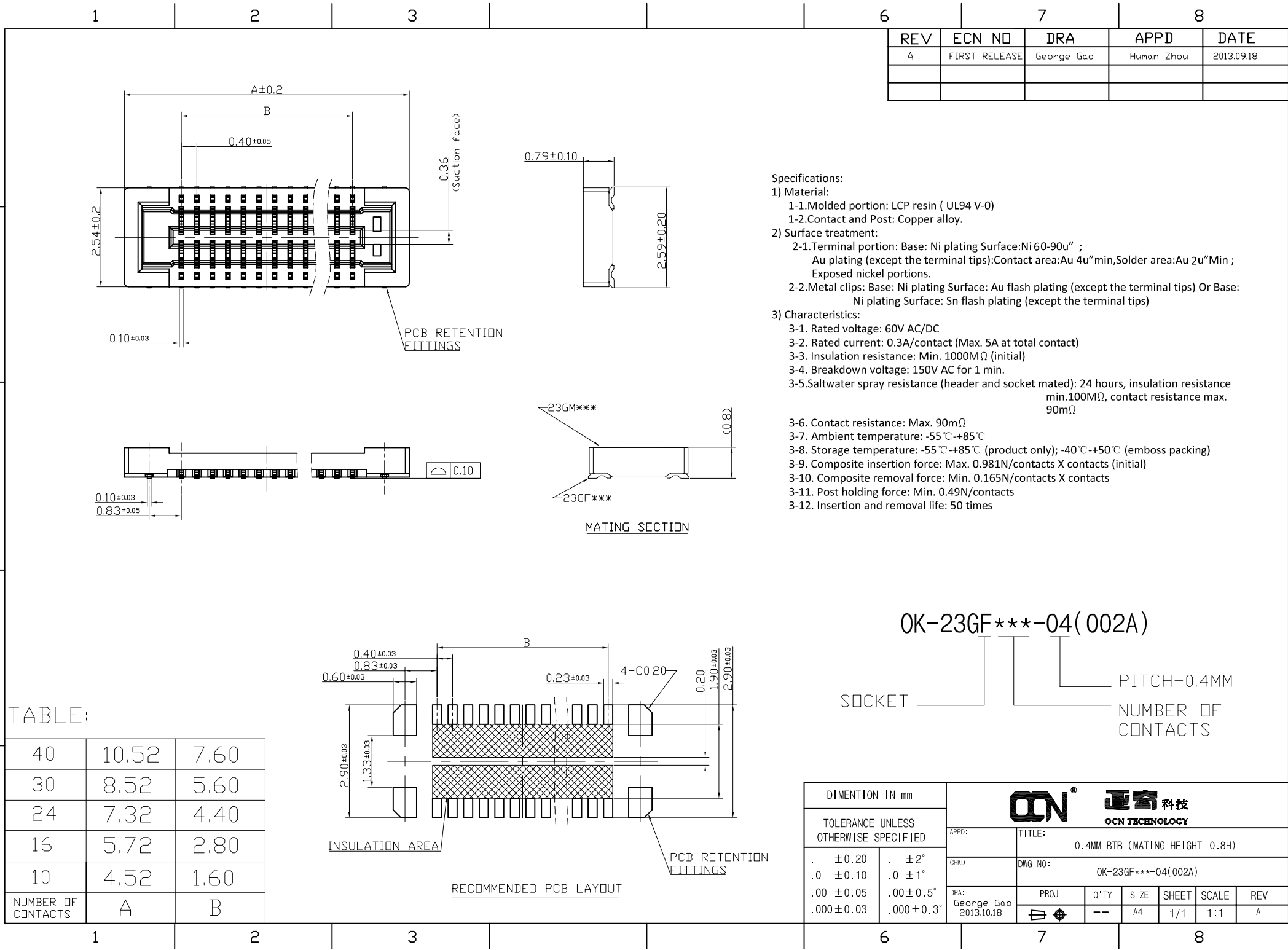


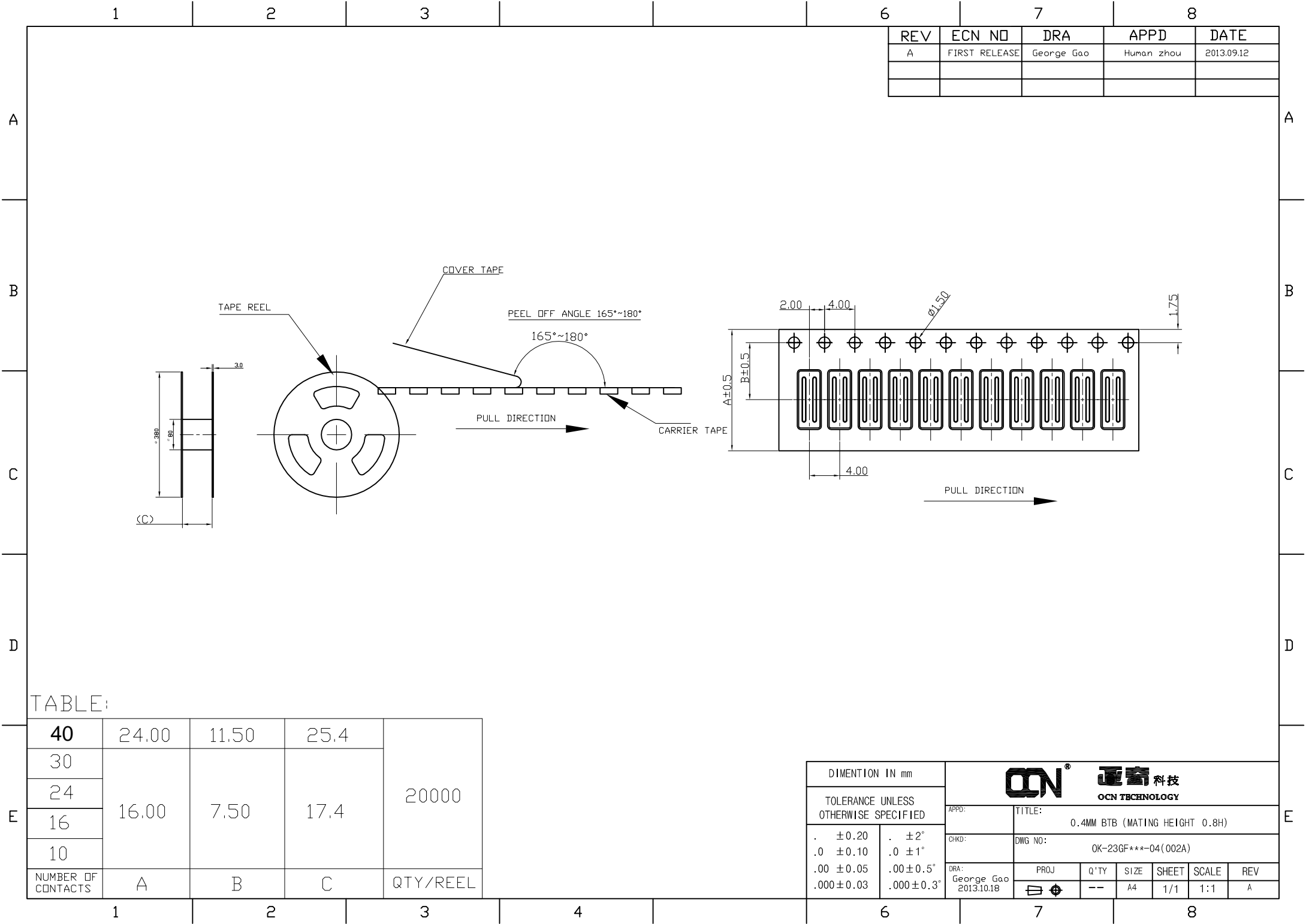
REV	ECN NO	DRA	APPD	DATE
A	FIRST RELEASE	George Gao	Human zhou	2013.09.12

TABLE:

30	16.00	7.50	17.4	20000
24				
16				
10				
NUMBER OF CONTACTS	A	B	C	QTY/REEL

DIMENTION IN mm		<div>OCN<sup>®</sup> 正奇科技</div> <div>OCN TECHNOLOGY</div>					
TOLERANCE UNLESS OTHERWISE SPECIFIED		APPO:	TITLE: 0.4MM BTB (MATING HEIGHT 0.8H)				
		CHKD:	DWG NO: OK-23GM***-04(002A)				
. ±0.20	. ±2°	DRA: George Gao 2013.10.12	PROJ	Q'TY	SIZE	SHEET	SCALE
.0 ±0.10	.0 ±1°						
.00 ±0.05	.00±0.5°						
.000±0.03	.000±0.3°			--	A4	1/1	1:1
							REV A





REV	ECN NO	DRA	APPD	DATE
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TABLE:

40	24.00	11.50	25.4	20000
30	16.00	7.50	17.4	
24				
16				
10				
NUMBER OF CONTACTS	A	B	C	QTY/REEL

DIMENTION IN mm		<div>OCN® 正奇科技</div> <div>OCN TECHNOLOGY</div>					
TOLERANCE UNLESS OTHERWISE SPECIFIED		APPO:	TITLE: 0.4MM BTB (MATING HEIGHT 0.8H)				
. ±0.20	. ±2°	CHKD:	DWG NO: OK-23GF***-04(002A)				
.0 ±0.10	.0 ±1°	DRA: George Gao 2013.10.18	PROJ	Q'TY	SIZE	SHEET	SCALE
.00 ±0.05	.00 ±0.5°		---	--	A4	1/1	1:1
.000 ±0.03	.000 ±0.3°		---	--	A4	1/1	1:1
		REV		A			