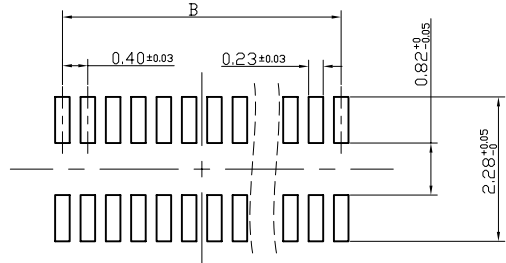


REV	ECN NO	DRA	APPD	DATE
A	FIRST RELEASE	George Gao	Human Zhou	2013.09.12

- 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. 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

TABLE:

60	13.14	11.60
50	11.14	9.60
40	9.14	7.60
34	7.94	6.40
30	7.14	5.60
24	5.94	4.40
20	5.14	3.60
10	3.14	1.60
NUMBER OF CONTACTS	A	B



RECOMMENDED PCB LAYOUT

OK-03M***-04

HEADER

PITCH-0.4MM

NUMBER OF CONTACTS

DIMENTION IN mm		OCN® 正奇科技 OCN TECHNOLOGY					
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: OK-03M***-04				
. ±2° .0 ±1° .00 ±0.5° .000 ±0.3°		DRA: George Gao 2013.09.12	PROJ	Q'TY	SIZE	SHEET	SCALE
			---	A4	1/1	1:1	A

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

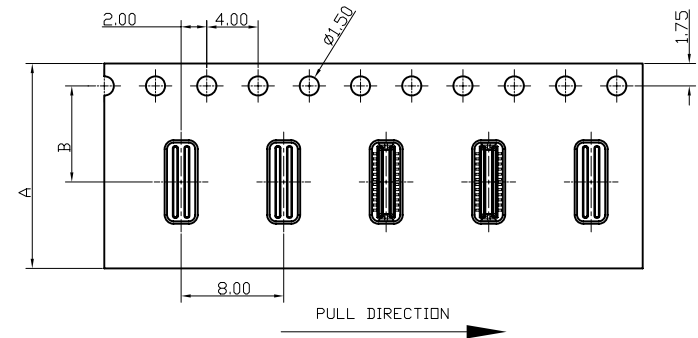
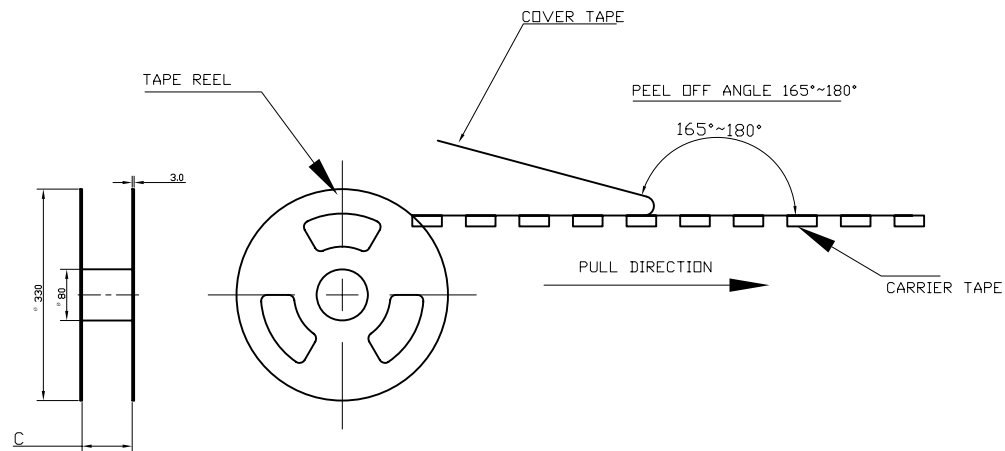


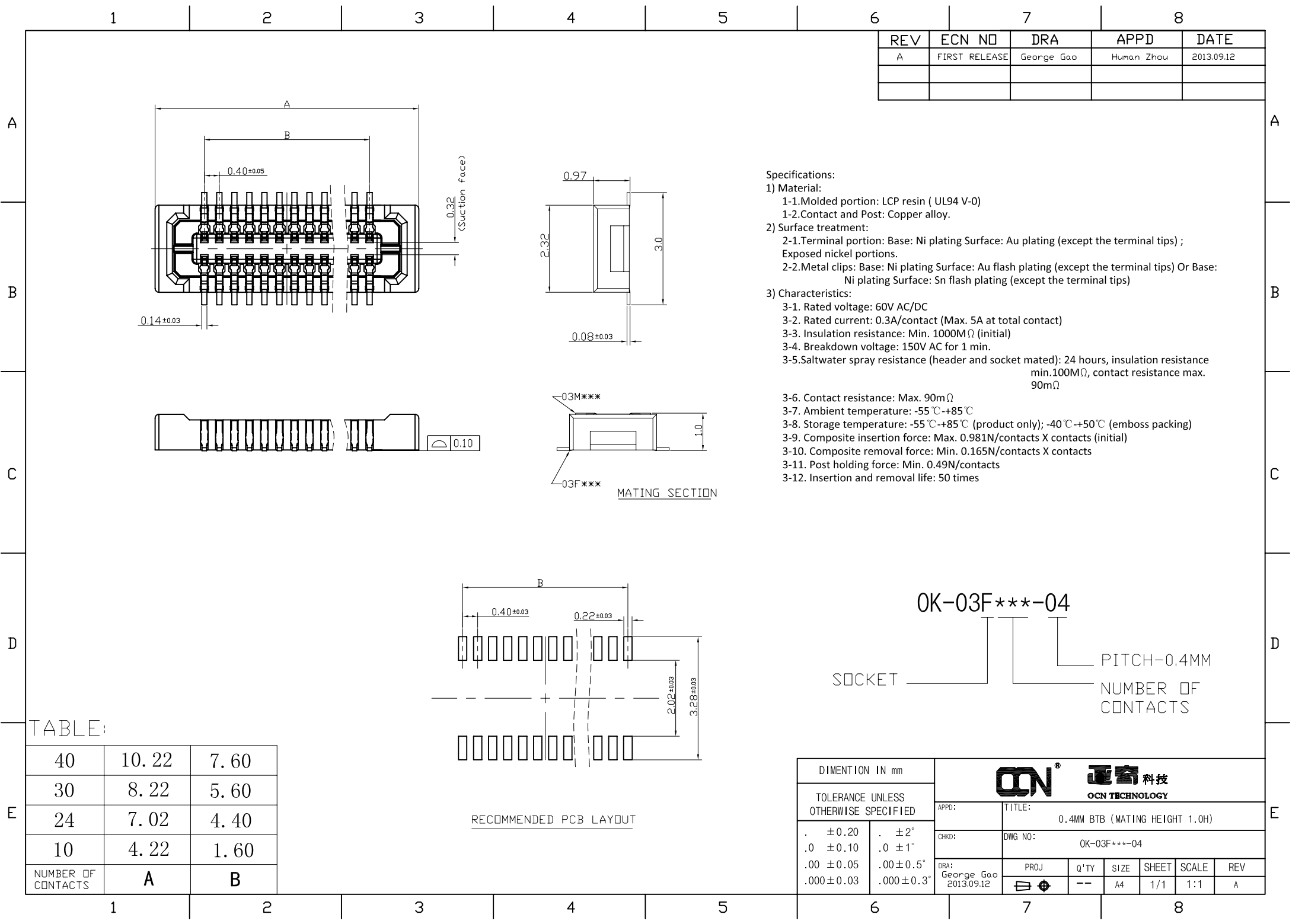


TABLE:

60	24.00	11.50	25.4	5000
50				
40				
34	16.00	7.50	17.4	
30				
24				
20				
10				
NUMBER OF CONTACTS	A	B	C	QTY/REEL

DIMENTION IN mm		 						
TOLERANCE UNLESS OTHERWISE SPECIFIED		APPD:	TITLE: 0.4MM BTB (MATING HEIGHT 0.9H)					
. ±0.20	. ±2°	CHKD:	DWG NO: OK-03M***-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

- Specifications:
- 1) Material:
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 - 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. 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-03F***-04

SOCKET

PITCH-0.4MM

NUMBER OF CONTACTS

TABLE:

40	10.22	7.60
30	8.22	5.60
24	7.02	4.40
10	4.22	1.60
NUMBER OF CONTACTS	A	B

DIMENTION IN mm		<div>OCN® 正奇科技</div> <div>OCN TECHNOLOGY</div>							
TOLERANCE UNLESS OTHERWISE SPECIFIED		APPD:	TITLE: 0.4MM BTB (MATING HEIGHT 1.0H)						
. ±0.20		CHKD:	DWG NO: OK-03F***-04						
.0 ±0.10		DRA: George Gao 2013.09.12	PROJ	Q'TY	SIZE	SHEET	SCALE	REV	
.00 ±0.05			☐ ⊕	--	A4	1/1	1:1	A	
.000±0.03									
. ±2°									
.0 ±1°									
.00±0.5°									
.000±0.3°									

