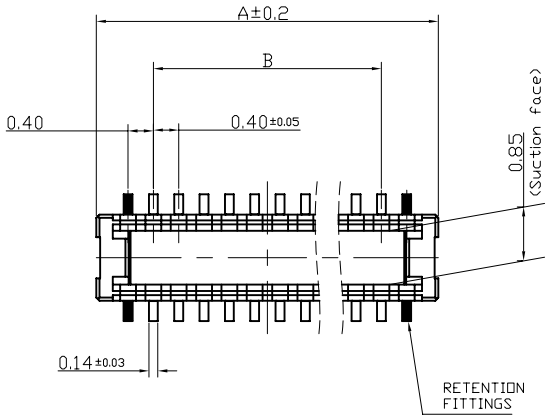
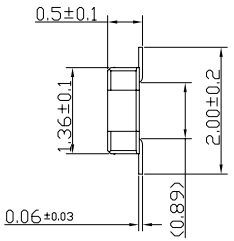
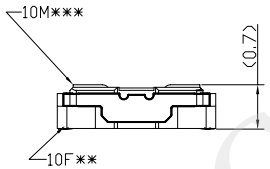
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REV	ECN NO	DRA	APPD	DATE
A	FIRST RELEASE	George Gao	Human Zhou	2013.09.12







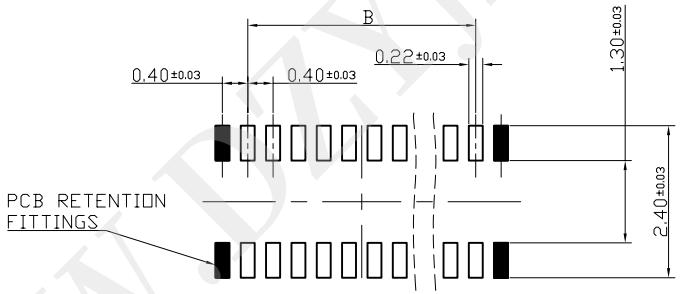


MATING SECTION

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:

NUMBER OF CONTACTS	A	B
50	11.40	9.60
42	9.80	8.00
40	9.40	7.60
32	7.80	6.00
30	7.40	5.60
24	6.20	4.40
20	5.40	3.60
16	4.60	2.80
10	3.40	1.60



RECOMMENDED PCB LAYOUT

OK-10M***-04

HEADER

NUMBER OF CONTACTS

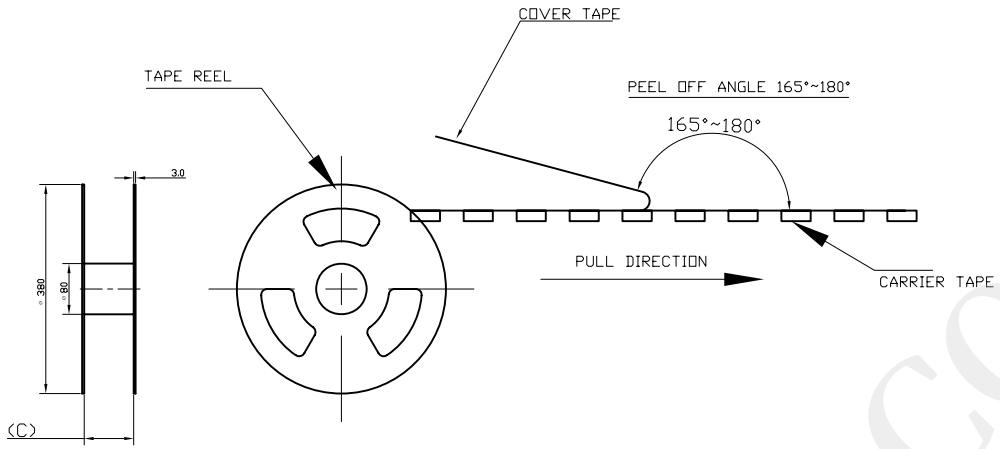
PITCH-0.4MM

DIMENTION IN mm						
TOLERANCE UNLESS OTHERWISE SPECIFIED		APPD:	TITLE: 0.4MM BTB (MATING HEIGHT 0.7H)			
. ±0.20	. ±2°	CHKD:	DWG NO: OK-10M***-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°			--	A4	1/1	1:1	A
.000±0.03	.000±0.3°							

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A	FIRST RELEASE	George Gao	Human zhou	2013.09.12



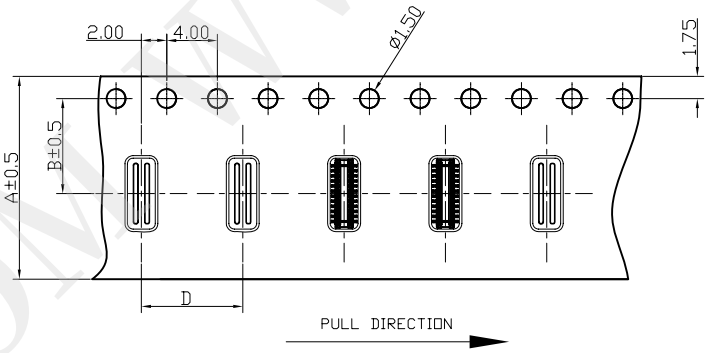


TABLE:

NUMBER OF CONTACTS	A	B	C	D	QTY/REEL
50	24.00	11.50	25.4	8.00	10000
42					
40					
32					
30	16.00	7.50	17.4	4.00	20000
24					
20				8.00	10000
16					
10					

DIMENTION IN mm

TOLERANCE UNLESS OTHERWISE SPECIFIED

. ±0.20	. ±2°
.0 ±0.10	.0 ±1°
.00 ±0.05	.00±0.5°
.000±0.03	.000±0.3°

APPD:

CHKD:

DRA: George Gao 2013.09.12

TITLE: 0.4MM BTB (MATING HEIGHT 0.7H)

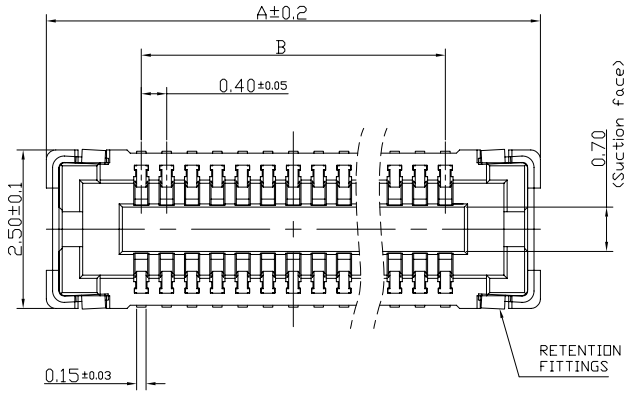
DWG NO: OK-10M***-04

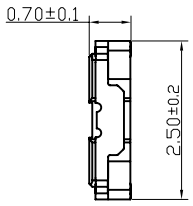
PROJ	Q'TY	SIZE	SHEET	SCALE	REV
	--	A4	1/1	1:1	A

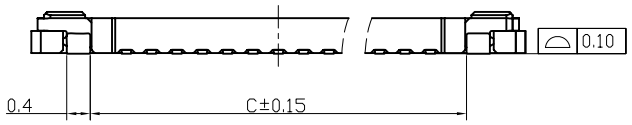
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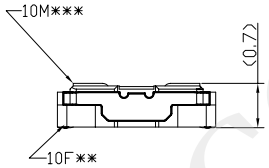
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REV	ECN NO	DRA	APPD	DATE
A	FIRST RELEASE	George Gao	Human Zhou	2013.09.18







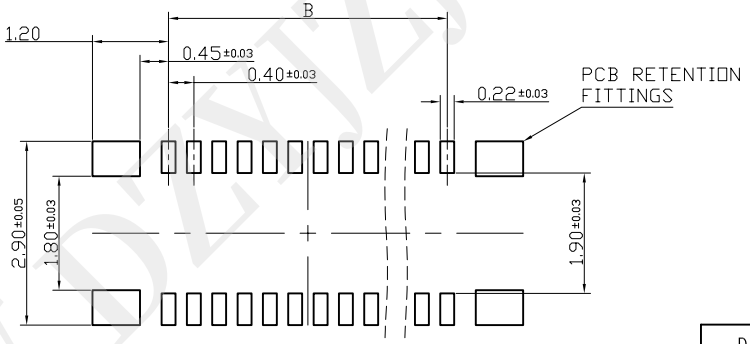


MATING SECTION

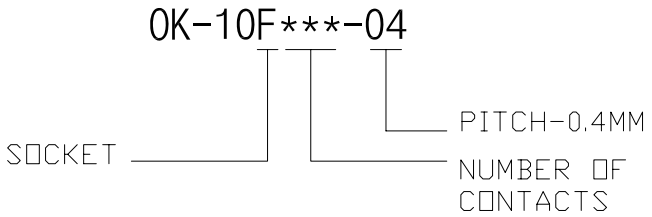
Specifications:
1) Material:
1-1.Molded portion: LCP resin (UL94 V-0)
1-2.Contact and Post: Copper alloy.
2) Surface treatment:
2-1.Terminal portion: Base: Ni plating Surface: Au plating (except the terminal tips) ; Exposed nickel portions.
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3) Characteristics:
3-1. Rated voltage: 60V AC/DC
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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)
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3-11. Post holding force: Min. 0.49N/contacts
3-12. Insertion and removal life: 50 times

TABLE:

40	10.60	7.60	8.80
32	9.00	6.00	7.20
30	8.60	5.60	6.80
26	7.80	4.80	6.00
24	7.40	4.40	5.60
10	4.60	1.60	2.80
NUMBER OF CONTACTS	A	B	C



RECOMMENDED PCB LAYOUT



DIMENTION IN mm						
TOLERANCE UNLESS OTHERWISE SPECIFIED		APPD:	TITLE: 0.4MM BTB (MATING HEIGHT 0.7H)			
. ±0.20	. ±2°	CHKD:	DWG NO: 0K-10F***-04			
.0 ±0.10	.0 ±1°	DRA: George Gao 2013.09.18	PROJ	Q'TY	SIZE	SHEET	SCALE	REV
.00 ±0.05	.00±0.5°			--	A4	1/1	1:1	A
.000±0.03	.000±0.3°							

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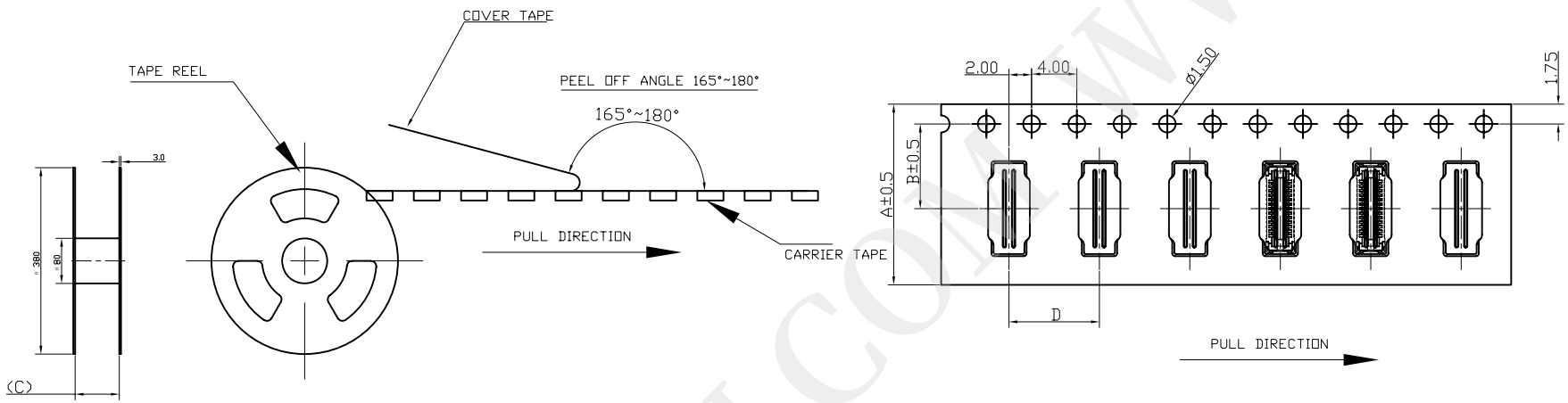


TABLE:

40 32	24.00	11.50	25.4	8.00	10000
30	16.00	7.50	17.4	4.00	20000
26				8.00	10000
24 10				4.00	20000
NUMBER OF CONTACTS	A	B	C	D	QTY/REEL

DIMENTION IN mm						
TOLERANCE UNLESS OTHERWISE SPECIFIED						
. ±0.20	. ±2°	APPD:	TITLE: 0.4MM BTB (MATING HEIGHT 0.7H)			
.0 ±0.10	.0 ±1°	CHKD:	DWG NO: 0K-10F***-04			
.00 ±0.05	.00±0.5°	DRA: George Gao 2013.09.18	PROJ	Q'TY	SIZE	SHEET	SCALE	REV
.000±0.03	.000±0.3°			--	A4	1/1	1:1	A

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