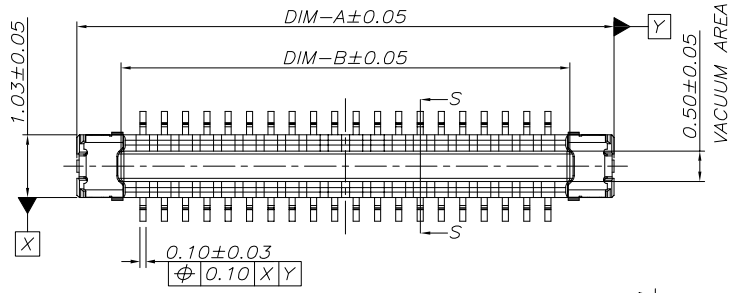
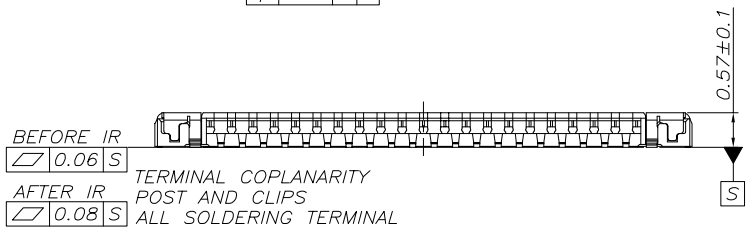
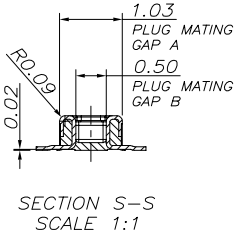
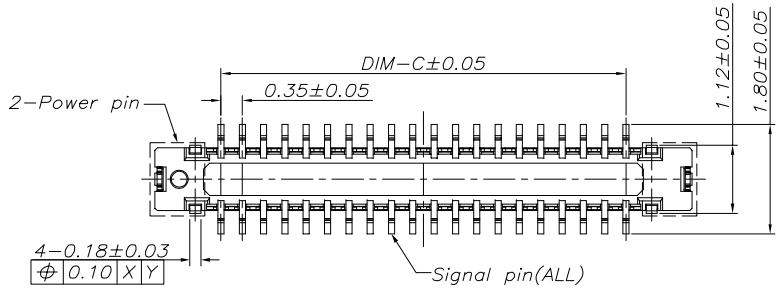
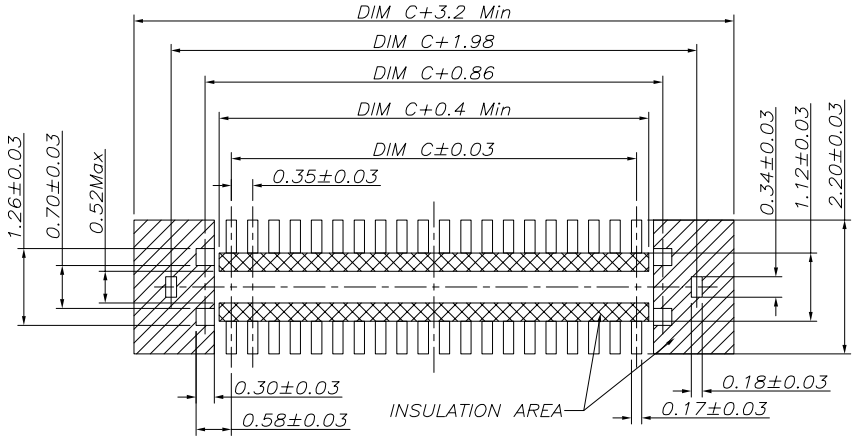
REV.	ECN NO.	DESCRIPTION	DRA	DATE

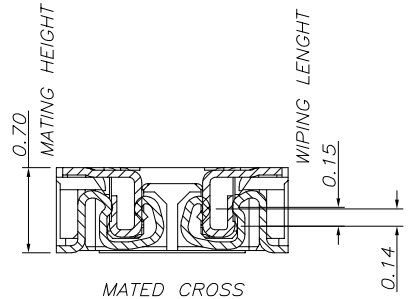












SPECIFICATIONS:

1) MATERIAL:
   1-1.MOLDED PORTION: LCP (UL94 V-0)
   1-2.CONTACT AND POST: COPPER ALLOY
2) SURFACE TREATMENT:
   TERMINAL PORTION: BASE: NICKEL PLATING ALL OVER;
   GOLD PLATING CONTACT : AU PLATING ALL OVER;
   SOLDER AREA : AU PLATING ALL OVER
3) CHARACTERISTICS:
   3-1. RATED VOLTAGE: 50V AC/DC
   3-2. RATED CURRENT: POWER PIN 3A/CONTACT0;
   SIGNAL PIN 0.3A/CONTACT (MAX. 5A AT TOTAL CONTACT)
   3-3. INSULATION RESISTANCE: MIN. 1000MΩ (INITIAL)
   3-4. BREAKDOWN VOLTAGE: 250V AC FOR 1 MIN.
   3-5. SALTWATER SPRAY RESISTANCE (HEADER AND SOCKET MATED):
   48 HOURS,INSULATION RESISTANCE MIN.1000MΩ,
   CONTACT RESISTANCE Δ20mΩ
   3-6. CONTACT RESISTANCE: POWER PIN 20mΩ MAX;
   SIGNAL PIN 50mΩ MAX
   3-7. AMBIENT TEMPERATURE: -55℃-+85℃
   3-8. STORAGE TEMPERATURE: -55℃-+85℃ (PRODUCT ONLY);
   -40℃-+50℃(EMBOSS PACKING)
   3-9. WARRANTY PERIOD: 12 MONTH
   3-10. COMPOSITE INSERTION FORCE: 1.5N/PIN MAX (40N MAX TOTAL)
   3-11. COMPOSITE REMOVAL FORCE: 0.15N/PIN MIN.
   3-12. DURABILITY: 30 TIMES

5118-RM***/2-35

- SERIES
- HEADER
- NUMBER OF CONTACTS
- 2-POWER PIN
- PITCH-0.35MM

NUMBER OF CONTACTS	DIM A	DIM B	DIM C
10	3.57	2.12	1.40
24	6.02	4.57	3.85
30	7.07	5.62	4.90
34	7.77	6.32	5.60
38	8.47	7.02	6.30
40	8.82	7.37	6.65
50	10.57	9.12	8.40

RoHS

DIMENTION IN mm

TOLERANCE UNLESS OTHERWISE SPECIFIED

DIMENTION	ANGLES
. ±0.20 .0 ±0.10 .00 ±0.05 .000±0.01	. ±2° .0 ±1° .00±0.5° .000±0.3°

深圳市文章济美科技有限公司
Shenzhen WenZhangJiMei technology co., LTD

APPD:
CHKD:
DRA:

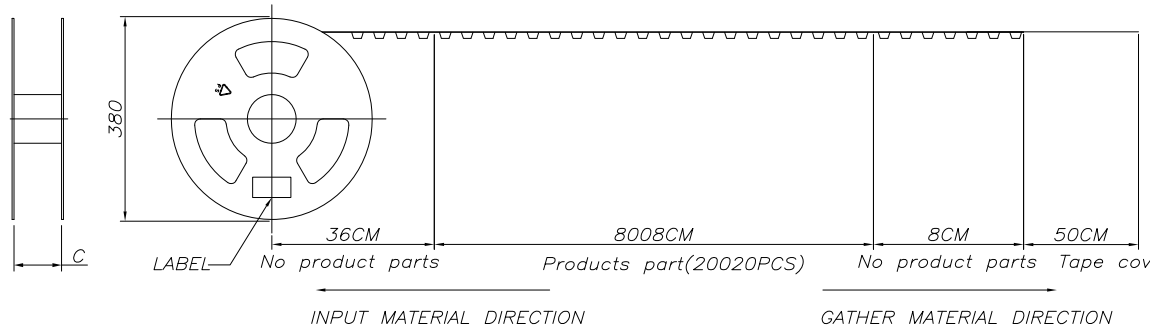
TITLE: 0.35MM BTB 0.7H CONNECTORS HEADER

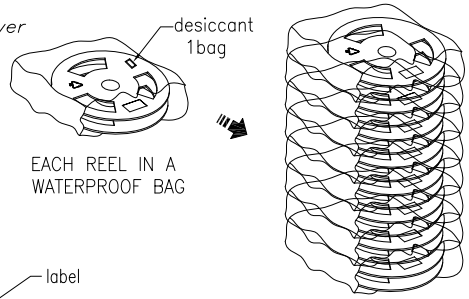
DWG NO: 5118-RM***/2-35

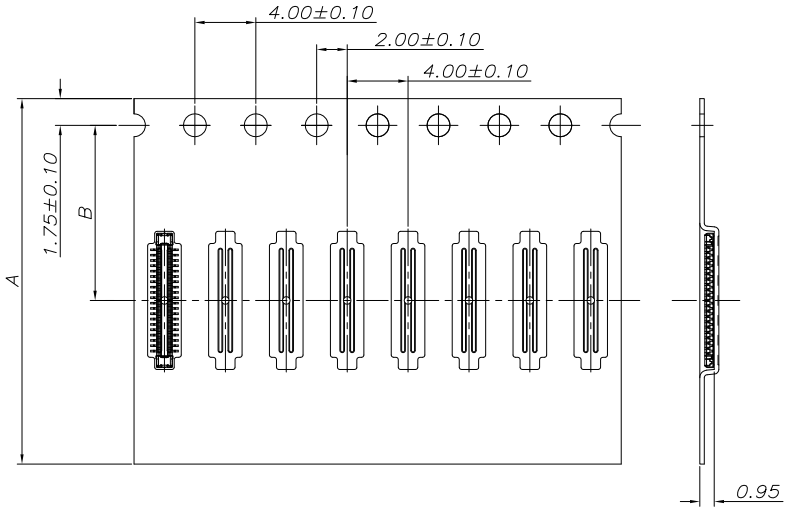
PROJ

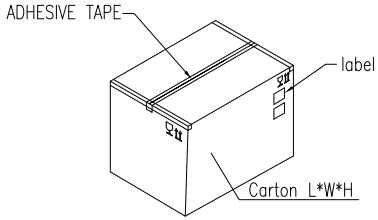
SIZE	SHEET	SCALE	REV.
A4	1/2	1:1	A0

REV.	ECN NO.	DESCRIPTION	DRA	DATE

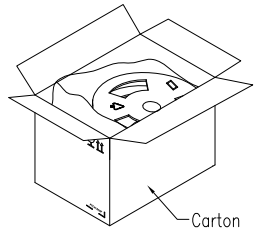




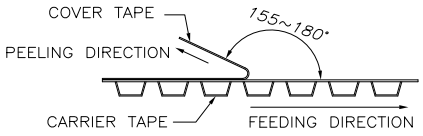




PACKING:
20000PCS/REEL
10REEL/BOX
200000PCS/BOX



NOTE:
1. MATERIAL: BLACK PS
2. PEELING SPEED: 300mm/MINUTE
剥离力: 30gf~90gf，剥离角度： 155°~180°
3. CARTON:



RoHS

NUMBER OF CONTACTS	A	B	C
10	16.0	7.5	17.4
24			
30			
34	24.0	11.5	25.4
38			
40			
50			

DIMENTION IN mm

TOLERANCE UNLESS OTHERWISE SPECIFIED

DIMENTION	ANGLES
. ±0.20	. ±2°
.0 ±0.10	.0 ±1°
.00 ±0.05	.00±0.5°
.000±0.01	.000±0.3°

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Shenzhen WenZhangJiMei technology co., LTD

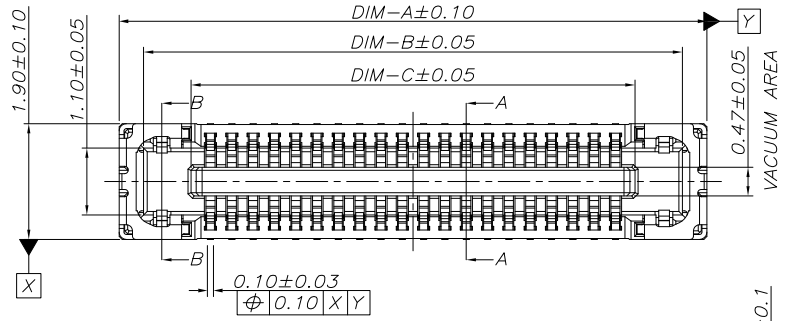
APPD:
CHKD:
DRA:

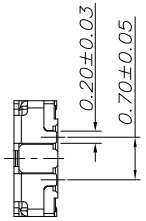
TITLE: 0.35MM BTB 0.7H CONNECTORS HEADER

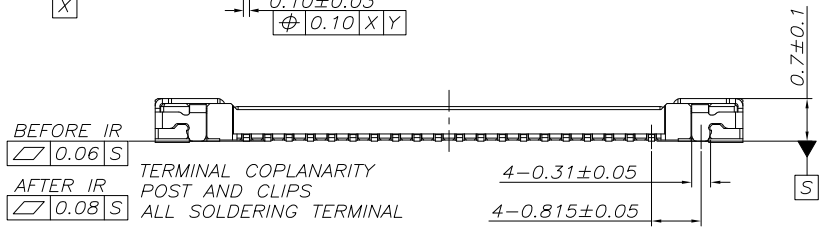
DWG NO: 5118-RM***/2-35

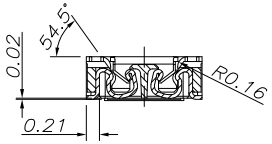
PROJ	SIZE	SHEET	SCALE	REV.
	A4	2/2	1:1	A0

REV.	ECN NO.	DESCRIPTION	DRA	DATE

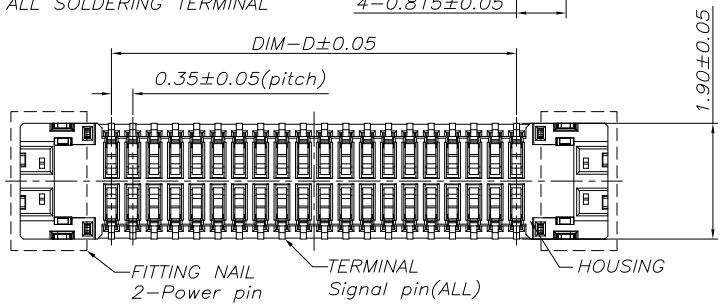


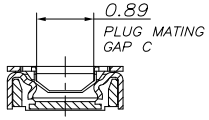




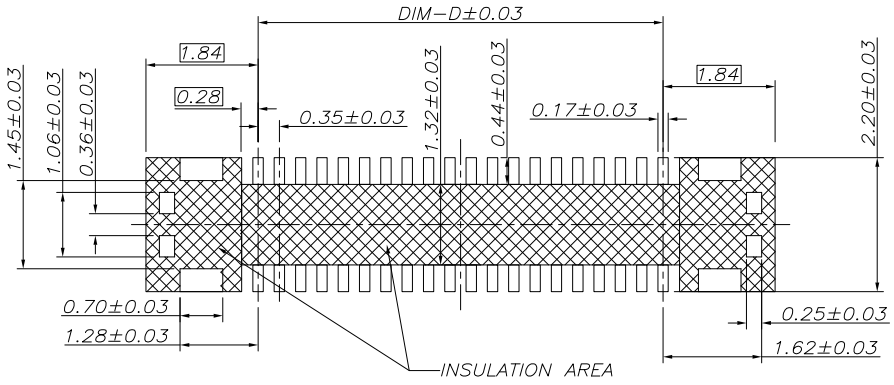


SECTION A-A
SCALE 1:1

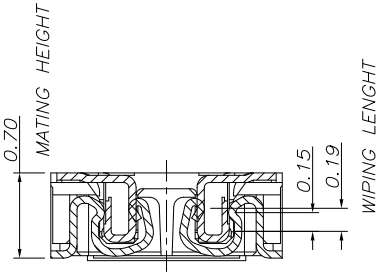




SECTION B-B
SCALE 1:1



RECOMMENDED PCB LAYOUT



MATED CROSS
SCALE 2:1

SPECIFICATIONS:
1) MATERIAL:
1-1.MOLDED PORTION: LCP SV6808THF B(UL94 V-0)
1-2.CONTACT AND POST: COPPER ALLOY
2) SURFACE TREATMENT:
TERMINAL PORTION: BASE: NICKEL PLATING OVERALL;
GOLD PLATING CONTACT AREA MIN;
SOLDER AREA MIN
3) CHARACTERISTICS:
3-1. RATED VOLTAGE: 50V AC/DC
3-2. RATED CURRENT: POWER PIN 3A/CONTACT;
SIGNAL PIN 0.3A/CONTACT (MAX. 5A AT TOTAL CONTACT)
3-3. INSULATION RESISTANCE: MIN. 1000MΩ (INITIAL)
3-4. BREAKDOWN VOLTAGE: 250V AC FOR 1 MIN.
3-5. SALTWATER SPRAY RESISTANCE (HEADER AND SOCKET MATED):
48 HOURS,INSULATION RESISTANCE MIN.1000MΩ,
CONTACT RESISTANCE Δ20mΩ
3-6. CONTACT RESISTANCE: POWER PIN 20mΩ MAX;
SIGNAL PIN 50mΩ MAX
3-7. AMBIENT TEMPERATURE: -55℃-+85℃
3-8. STORAGE TEMPERATURE: -55℃-+85℃ (PRODUCT ONLY);
-40℃-+50℃(EMBOSS PACKING)
3-9. WARRANTY PERIOD: 12 MONTH
3-10. COMPOSITE INSERTION FORCE: 1.5N*(n+4) MAX (40N MAX TOTAL)
n=NUMBER OF CONTACTS
3-11. COMPOSITE REMOVAL FORCE: 0.15N/PIN MIN.
3-12. DURABILITY: 30 TIMES

5118-RF***/2-35
- SERIES
- SOCKET
- NUMBER OF CONTACTS
- 2-POWER PIN
- PITCH-0.35MM

NUMBER OF CONTACTS	DIM-A	DIM-B	DIM-C	DIM-D
10	4.40	3.60	2.04	1.40
24	6.85	6.05	4.49	3.85
30	7.90	7.10	5.54	4.90
34	8.60	7.80	6.24	5.60
38	9.30	8.50	6.94	6.30
40	9.65	8.85	7.29	6.65
50	11.40	10.60	9.04	8.40

ONLY FOR ORBBEC

RoHS

DIMENTION IN mm

TOLERANCE UNLESS OTHERWISE SPECIFIED

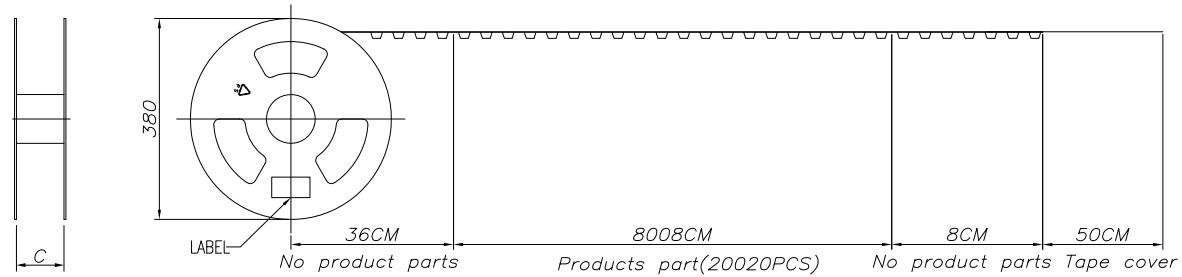
DIMENTION	ANGLES
. ±0.20 .0 ±0.10 .00 ±0.05 .000±0.01	. ±2° .0 ±1° .00±0.5° .000±0.3°

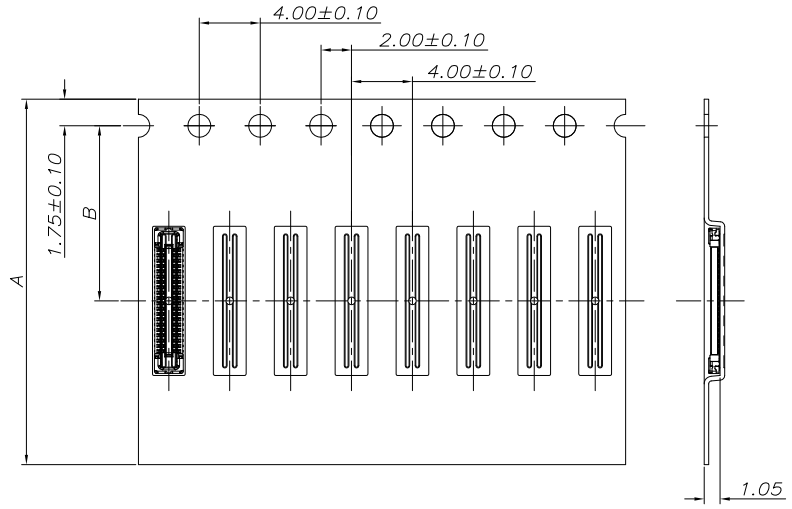
深圳市文章济美科技有限公司
Shenzhen WenZhangJiMei technology co., LTD

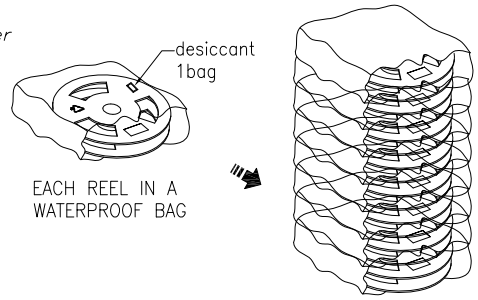
APPD:
CHKD:
DRA:
TITLE: 0.35MM BTB 0.7H CONNECTORS SOCKET
DWG NO: 5118-RF***/2-35

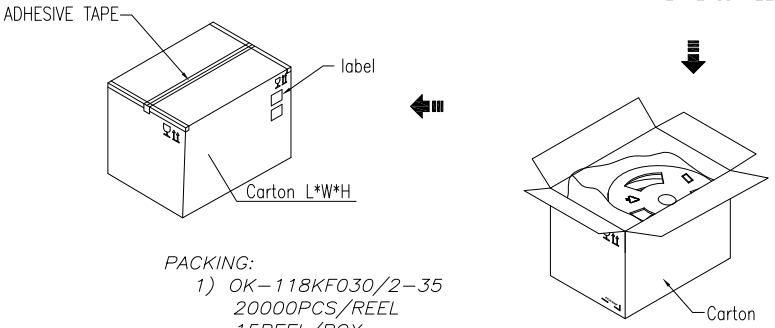
PROJ	SIZE	SHEET	SCALE	REV.
	A4	1/2	1:1	A0

REV.	ECN NO.	DESCRIPTION	DRA	DATE





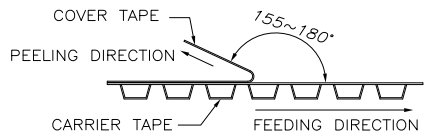




PACKING:
1) OK-118KF030/2-35
20000PCS/REEL
15REEL/BOX
300000PCS/BOX
2) OK-118KF0XX/2-35
20000PCS/REEL
10REEL/BOX
200000PCS/BOX

ONLY FOR ORBBEC

NOTE:
1. MATERIAL: BLACK PS
2. PEELING SPEED: 300mm/MINUTE
剥离力: 30gf~90gf，剥离角度： 155°~180°
3. CARTON:



RoHS

NUMBER OF CONTACTS	A	B	C
10	16.0	7.5	17.4
24			
30			
34	24.0	11.5	25.4
38			
40			
50			

DIMENTION IN mm

TOLERANCE UNLESS OTHERWISE SPECIFIED

DIMENTION	ANGLES
. ±0.20	. ±2°
.0 ±0.10	.0 ±1°
.00 ±0.05	.00±0.5°
.000±0.01	.000±0.3°

深圳市文章济美科技有限公司
Shenzhen WenZhangJiMei technology co., LTD

APPD:

CHKD:

DRA:

TITLE: 0.35MM BTB 0.7H CONNECTORS SOCKET

DWG NO: 5118-RF***/2-35

PROJ

SIZE	SHEET	SCALE	REV.
A4	2/2	1:1	A0