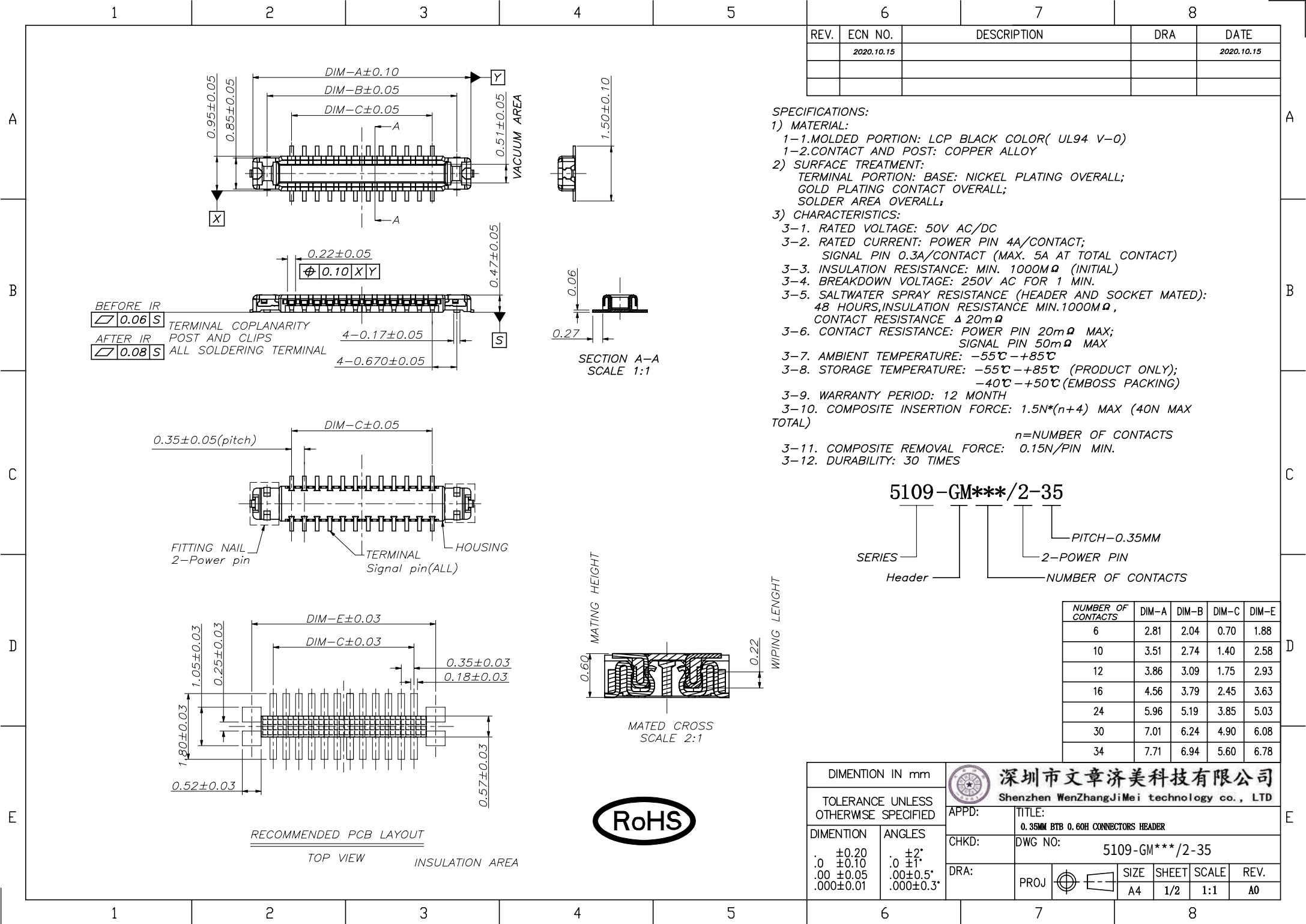
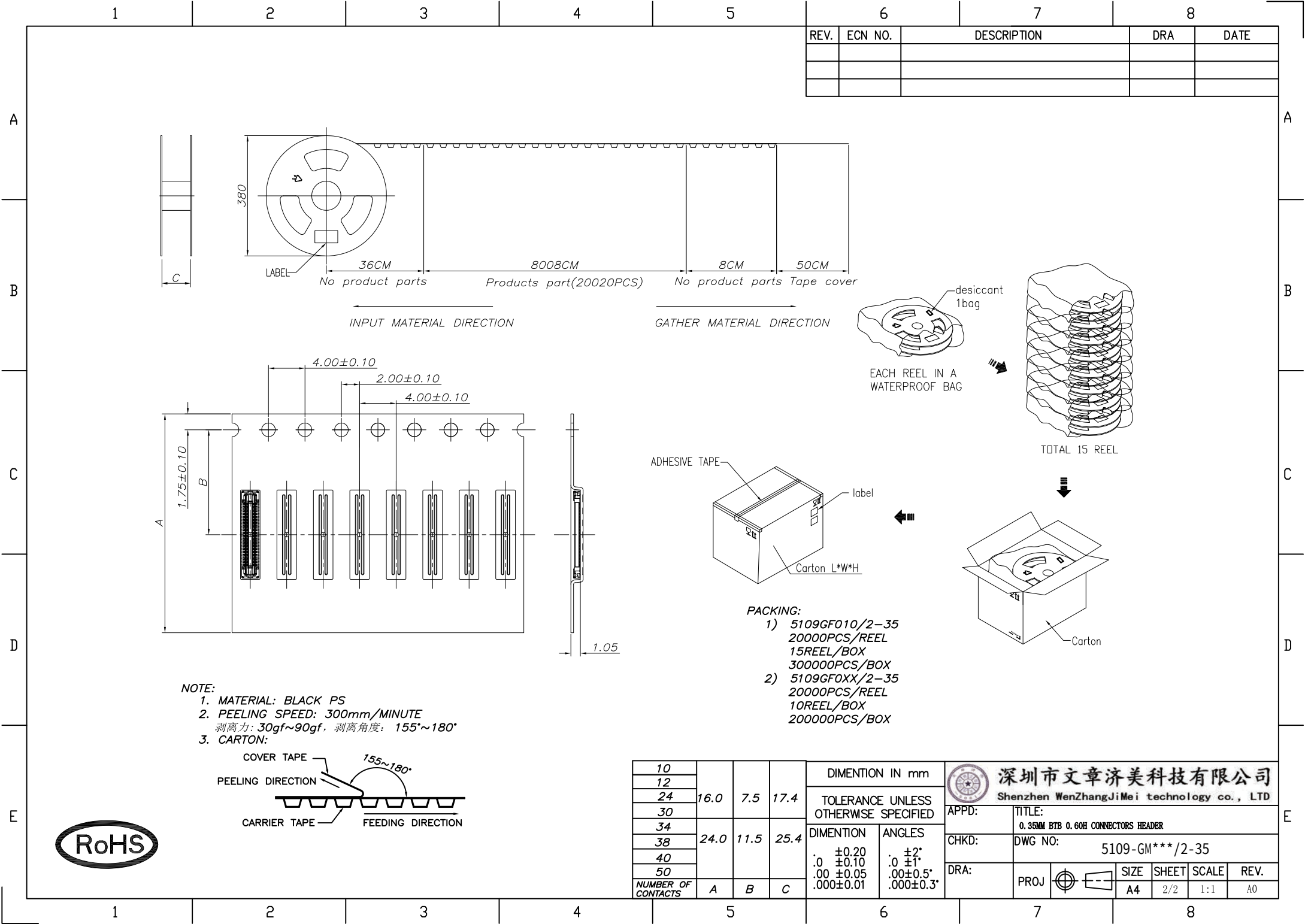






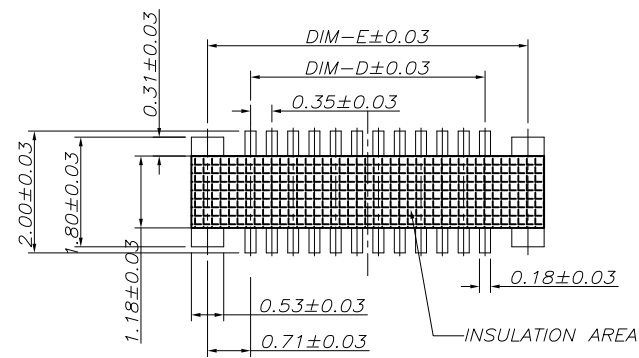
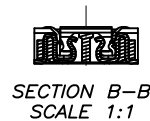
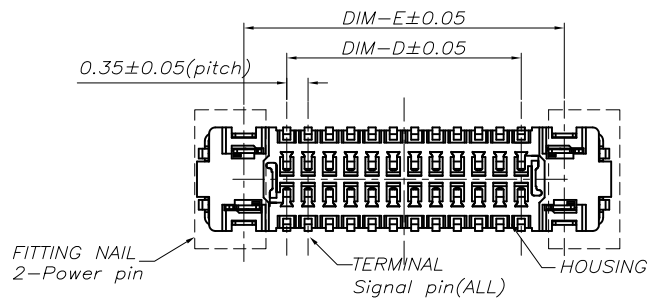
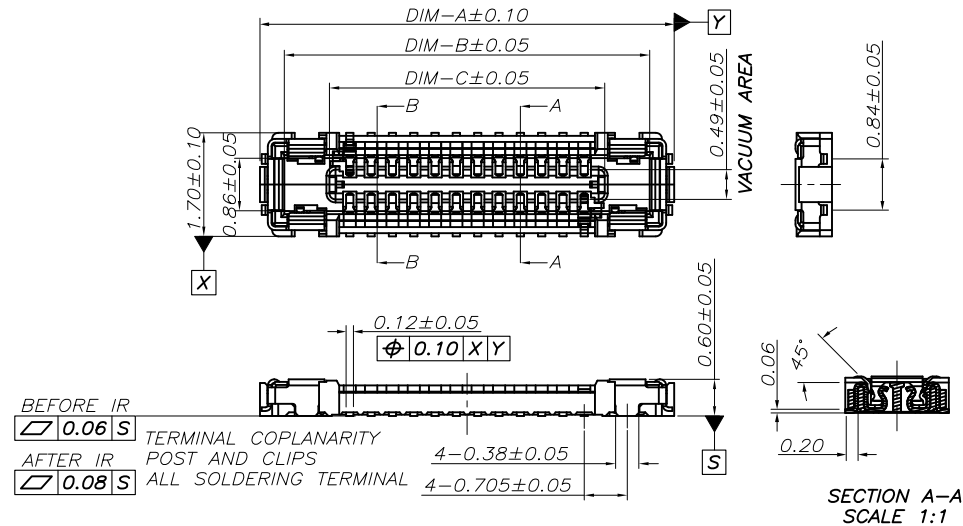
REV.	ECN NO.	DESCRIPTION	DRA	DATE

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

- PACKING:
- 1) 5109GF010/2-35
20000PCS/REEL
15REEL/BOX
300000PCS/BOX
 - 2) 5109GF0XX/2-35
20000PCS/REEL
10REEL/BOX
200000PCS/BOX

10	16.0	7.5	17.4	DIMENTION IN mm			深圳市文章济美科技有限公司					
12				TOLERANCE UNLESS OTHERWISE SPECIFIED			Shenzhen WenZhangJiMei technology co., LTD					
24												
30												
34	24.0	11.5	25.4	DIMENTION	ANGLES	APPD:	TITLE: 0.35MM BTB 0.60H CONNECTORS HEADER					
38				.0 ±0.20 .0 ±0.10 .00 ±0.05 .000±0.01	.0 ±2° .0 ±1° .00±0.5° .000±0.3°	CHKD:	DWG NO: 5109-GM*** /2-35					
40				DRA:		SIZE	SHEET	SCALE	REV.			
50												
NUMBER OF CONTACTS	A	B	C			PROJ		A4	2/2	1:1	A0	

REV.	ECN NO.	DESCRIPTION	DRA	DATE
	2020.10.15			2020.10.15



RECOMMENDED PCB LAYOUT
TOP VIEW



- SPECIFICATIONS:**
- MATERIAL:**
 - 1-1.MOLDED PORTION: LCP BLACK (UL94 V-0)
 - 1-2.CONTACT AND POST: COPPER ALLOY
 - SURFACE TREATMENT:**

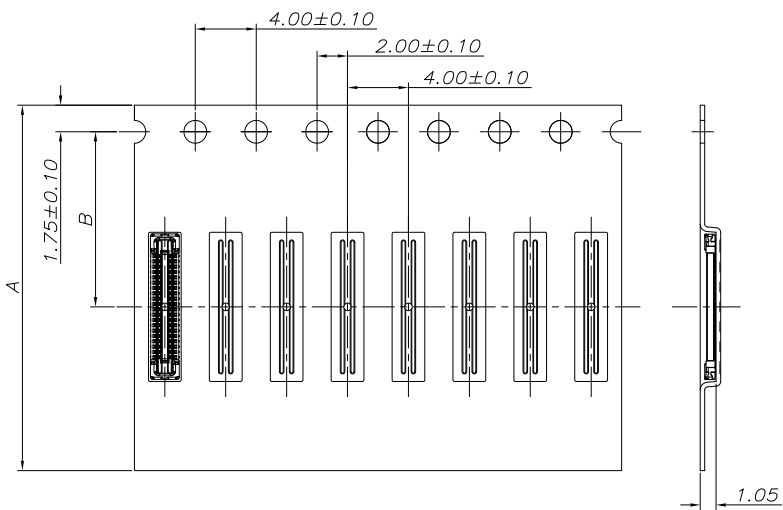
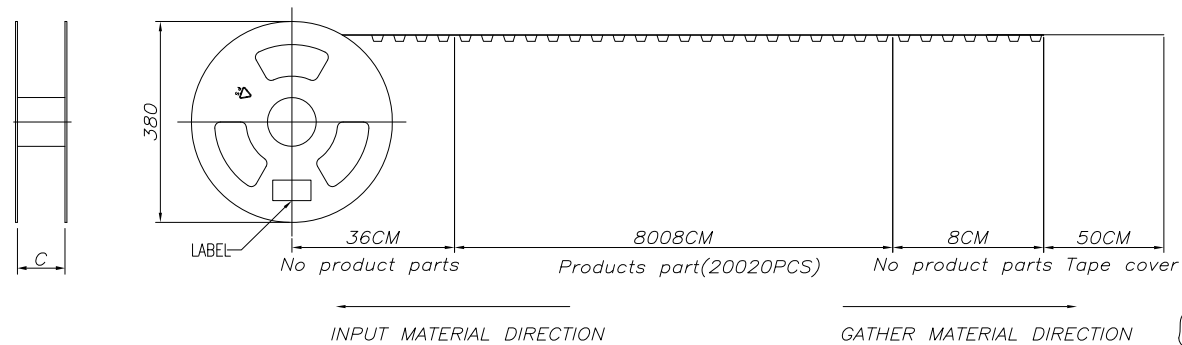
TERMINAL PORTION: BASE: NICKEL PLATING OVERALL;
GOLD PLATING CONTACT AREA OVERALL;
SOLDER AREA OVERALL;
 - CHARACTERISTICS:**
 - 3-1. RATED VOLTAGE: 50V AC/DC
 - 3-2. RATED CURRENT: POWER PIN 4A/CONTACT;
SIGNAL PIN 0.3A/CONTACT (MAX. 5A AT TOTAL CONTACT)
 - 3-3. INSULATION RESISTANCE: MIN. 1000M Ω (INITIAL)
 - 3-4. BREAKDOWN VOLTAGE: 250V AC FOR 1 MIN.
 - 3-5. SALTWATER SPRAY RESISTANCE (HEADER AND SOCKET MATED):
48 HOURS,INSULATION RESISTANCE MIN.1000M Ω ,
CONTACT RESISTANCE Δ 20m Ω
 - 3-6. CONTACT RESISTANCE: POWER PIN 20m Ω MAX;
SIGNAL PIN 50m Ω MAX
 - 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. 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

5109-GF***/2-35

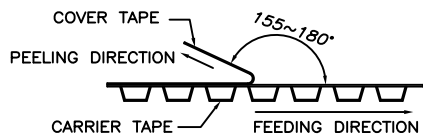
SERIES SOCKET PITCH-0.35MM 2-POWER PIN NUMBER OF CONTACTS

NUMBER OF CONTACTS	DIM-A	DIM-B	DIM-C	DIM-D	DIM-E
6	3.65	2.85	1.37	0.70	2.11
10	4.35	3.55	2.07	1.40	2.81
12	4.70	3.90	2.42	1.75	3.16
16	5.40	4.60	3.12	2.45	3.86
24	6.80	6.00	4.52	3.85	5.26
30	7.85	7.05	5.57	4.90	6.31
40					

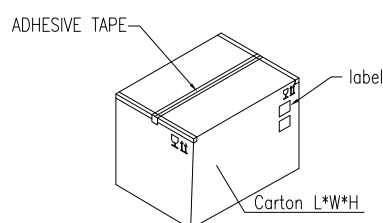
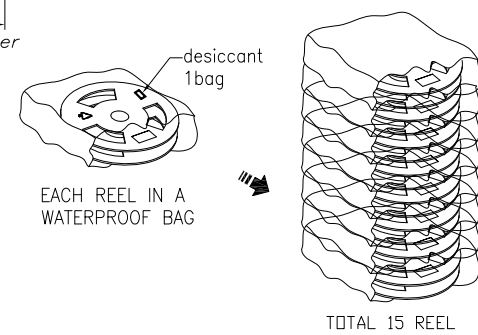
DIMENTION IN mm		深圳市文章济美科技有限公司	
TOLERANCE UNLESS OTHERWISE SPECIFIED		Shenzhen WenZhangJiMei technology co., LTD	
DIMENTION	ANGLES	APPD:	TITLE:
.0 $\pm$ 0.20	.0 $\pm$ 2 $^\circ$	CHKD:	0.35MM BTB 0.60H CONNECTORS SOCKET
.0 $\pm$ 0.10	.0 $\pm$ 1 $^\circ$	DWA NO:	5109-GF***/2-35
.00 $\pm$ 0.05	.00 $\pm$ 0.5 $^\circ$	DRA:	PROJ
.000 $\pm$ 0.01	.000 $\pm$ 0.3 $^\circ$	SIZE	SHEET
		A4	1/2
		SCALE	1:1
		REV.	A0



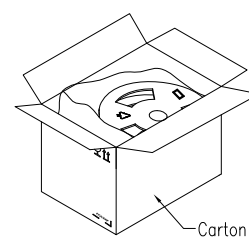
NOTE:
 1. MATERIAL: BLACK PS
 2. PEELING SPEED: 300mm/MINUTE
 剥离力: 30gf~90gf, 剥离角度: 155°~180°
 3. CARTON:



REV.	ECN NO.	DESCRIPTION	DRA	DATE



PACKING:
 1) 5109GF010 2/35
 20000PCS/REEL
 15REEL/BOX
 300000PCS/BOX
 2) 5109GF0XX/2-35
 20000PCS/REEL
 10REEL/BOX
 200000PCS/BOX



DIMENTION IN mm				TOLERANCE UNLESS OTHERWISE SPECIFIED				ANGLES			
10	24	30	34	38	40	50	NUMBER OF CONTACTS	A	B	C	
16.0	7.5	17.4	24.0	11.5	25.4	±0.20	±0.10	±0.05	±0.01	±2°	±1°
						±0.00	±0.01	±0.05	±0.01	±0.00	±0.01

深圳市文章济美科技有限公司				Shenzhen WenZhangJiMei technology co., LTD			
APPD:	TITLE:			0.35MM BTB 0.60H CONNECTORS SOCKET			
CHKD:	DWG NO:			5109-GF*** / 2-35			
DRA:	PROJ	SIZE	SHEET	SCALE	REV.		
		A4	2/2	1:1	A0		