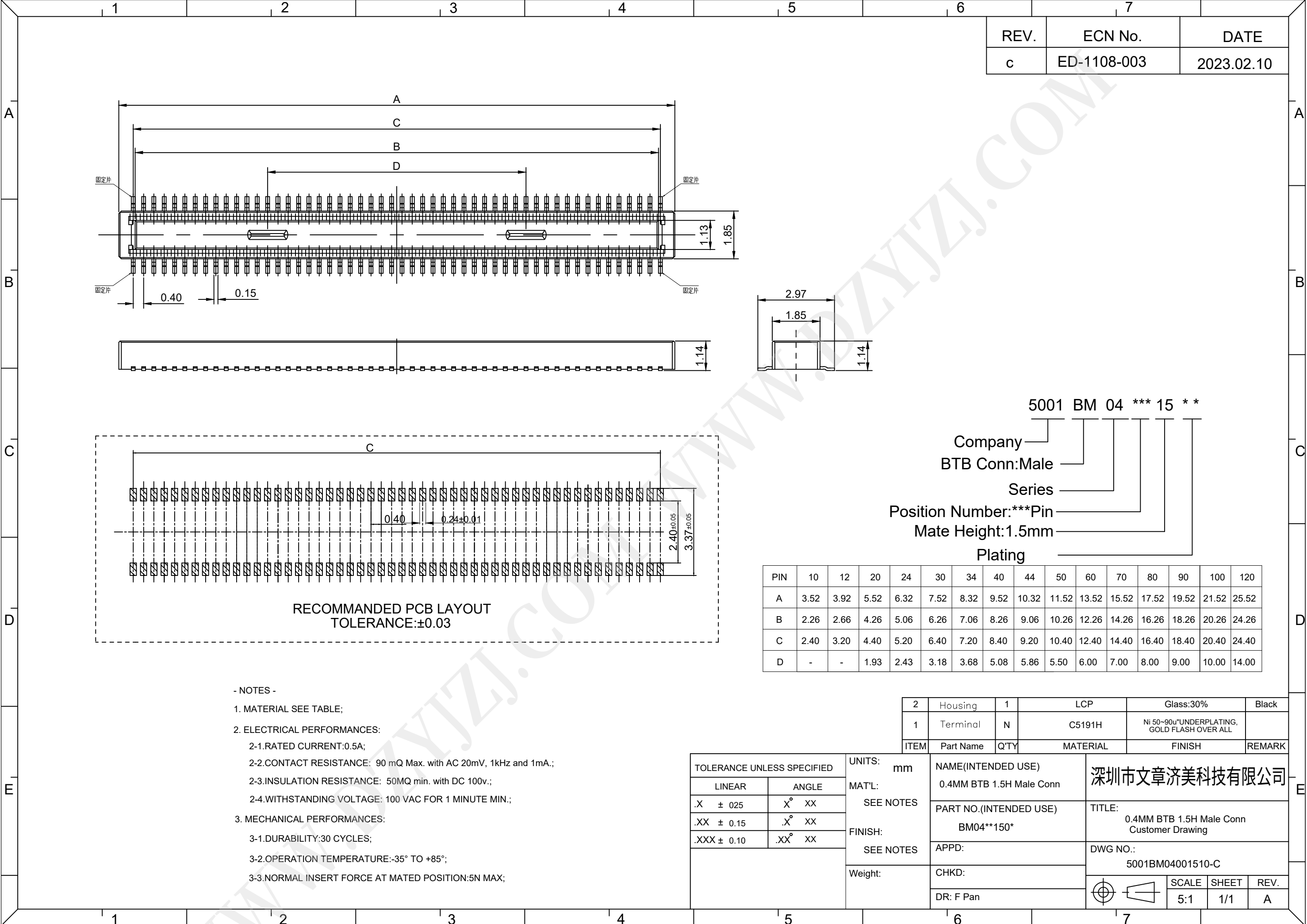




REV.	ECN No.	DATE
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5001 BM 04 *** 15 **

Company

BTB Conn:Male

Series

Position Number:***Pin

Mate Height:1.5mm

Plating

PIN	10	12	20	24	30	34	40	44	50	60	70	80	90	100	120
A	3.52	3.92	5.52	6.32	7.52	8.32	9.52	10.32	11.52	13.52	15.52	17.52	19.52	21.52	25.52
B	2.26	2.66	4.26	5.06	6.26	7.06	8.26	9.06	10.26	12.26	14.26	16.26	18.26	20.26	24.26
C	2.40	3.20	4.40	5.20	6.40	7.20	8.40	9.20	10.40	12.40	14.40	16.40	18.40	20.40	24.40
D	-	-	1.93	2.43	3.18	3.68	5.08	5.86	5.50	6.00	7.00	8.00	9.00	10.00	14.00

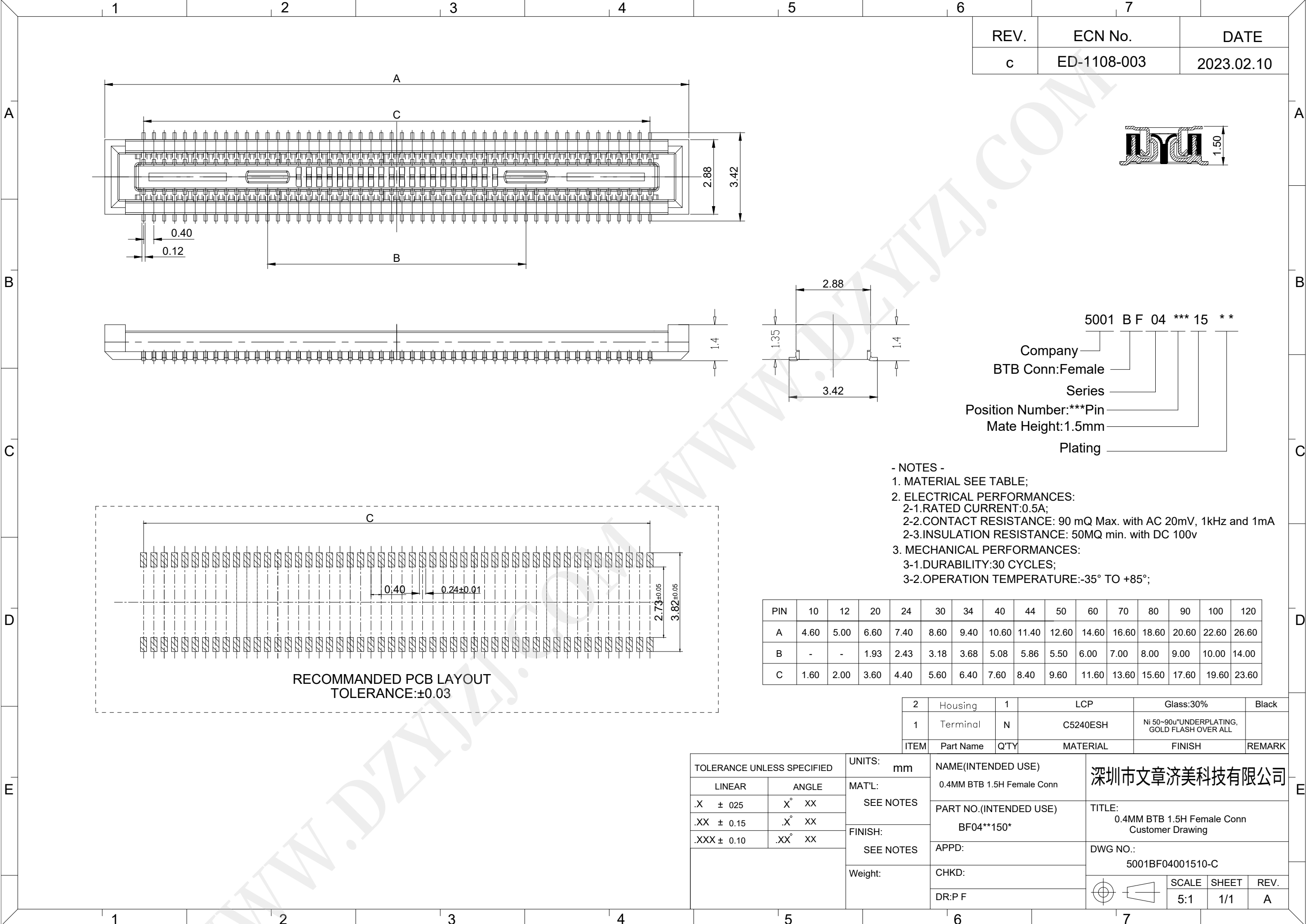
RECOMMENDED PCB LAYOUT
TOLERANCE:±0.03

- NOTES -

- MATERIAL SEE TABLE;
- ELECTRICAL PERFORMANCES:
 - RATED CURRENT:0.5A;
 - CONTACT RESISTANCE: 90 mQ Max. with AC 20mV, 1kHz and 1mA.;
 - INSULATION RESISTANCE: 50MQ min. with DC 100v.;
 - WITHSTANDING VOLTAGE: 100 VAC FOR 1 MINUTE MIN.;
- MECHANICAL PERFORMANCES:
 - DURABILITY:30 CYCLES;
 - OPERATION TEMPERATURE:-35° TO +85°;
 - NORMAL INSERT FORCE AT MATED POSITION:5N MAX;

2	Housing	1	LCP	Glass:30%	Black
1	Terminal	N	C5191H	Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL	
ITEM	Part Name	Q'TY	MATERIAL	FINISH	REMARK

TOLERANCE UNLESS SPECIFIED	UNITS: mm	NAME(INTENDED USE)	深圳市文章济美科技有限公司		
LINEAR	ANGLE	MAT'L:			
.X ± 025	X° XX	SEE NOTES	PART NO.(INTENDED USE)	TITLE:	
.XX ± 0.15	.X° XX	FINISH: SEE NOTES	BM04**150*	0.4MM BTB 1.5H Male Conn Customer Drawing	
.XXX ± 0.10	.XX° XX		APPD:	DWG NO.:	
		Weight:	CHKD:	5001BM04001510-C	
			DR: F Pan	SCALE SHEET REV.	
				5:1 1/1 A	



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5001 B F 04 *** 15 **

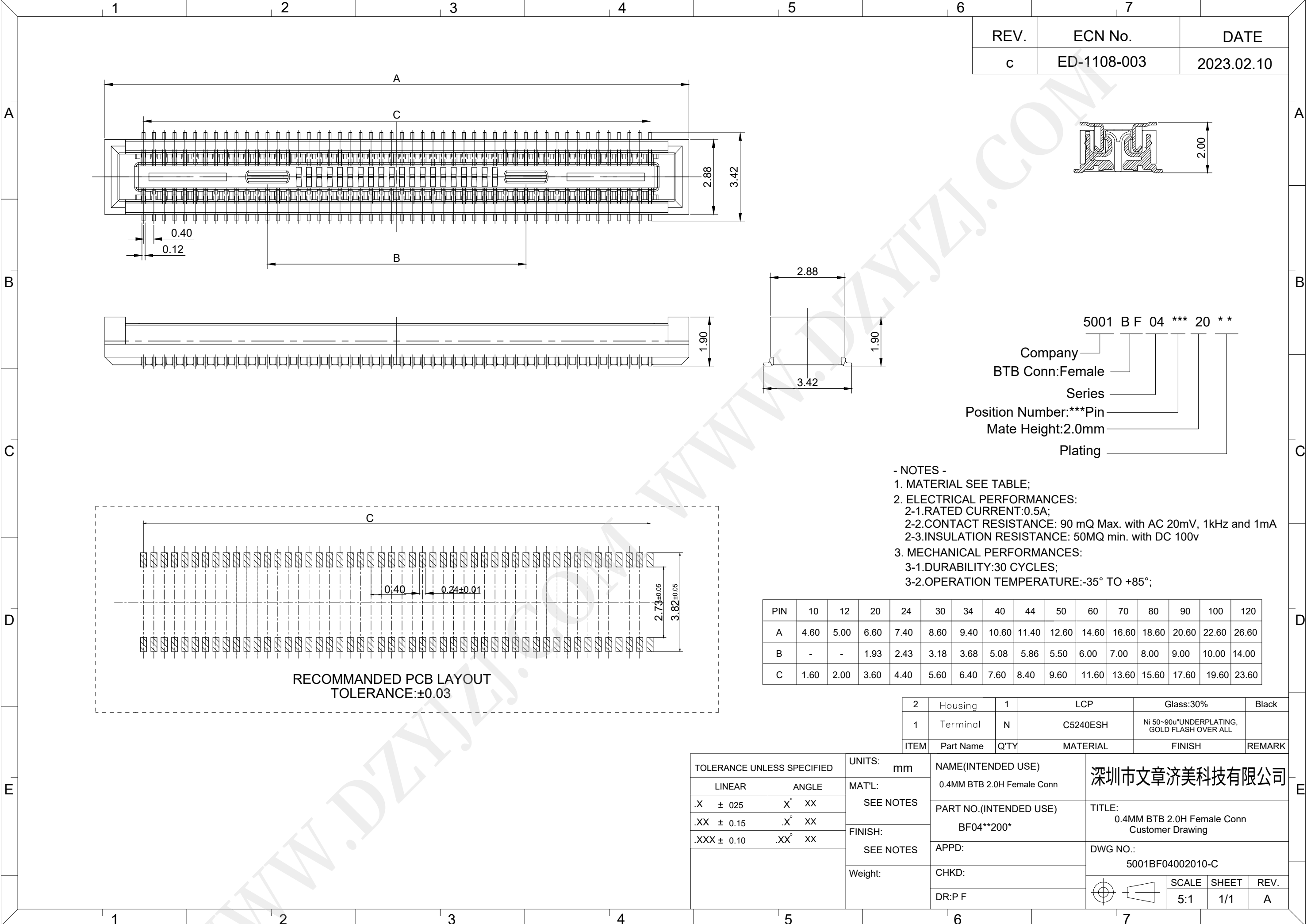
Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:1.5mm
Plating

- NOTES -
1. MATERIAL SEE TABLE;
2. ELECTRICAL PERFORMANCES:
- 2-1.RATED CURRENT:0.5A;
- 2-2.CONTACT RESISTANCE: 90 mQ Max. with AC 20mV, 1kHz and 1mA
- 2-3.INSULATION RESISTANCE: 50MQ min. with DC 100v
3. MECHANICAL PERFORMANCES:
- 3-1.DURABILITY:30 CYCLES;
- 3-2.OPERATION TEMPERATURE:-35° TO +85°;

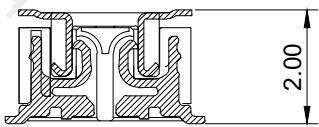
PIN	10	12	20	24	30	34	40	44	50	60	70	80	90	100	120
A	4.60	5.00	6.60	7.40	8.60	9.40	10.60	11.40	12.60	14.60	16.60	18.60	20.60	22.60	26.60
B	-	-	1.93	2.43	3.18	3.68	5.08	5.86	5.50	6.00	7.00	8.00	9.00	10.00	14.00
C	1.60	2.00	3.60	4.40	5.60	6.40	7.60	8.40	9.60	11.60	13.60	15.60	17.60	19.60	23.60

2	Housing	1	LCP	Glass:30%	Black
1	Terminal	N	C5240ESH	Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL	
ITEM	Part Name	Q'TY	MATERIAL	FINISH	REMARK

TOLERANCE UNLESS SPECIFIED		UNITS: mm	NAME(INTENDED USE)	深圳市文章济美科技有限公司	
LINEAR	ANGLE	MAT'L:	0.4MM BTB 1.5H Female Conn		
.X ± 0.25	X° XX	SEE NOTES	PART NO.(INTENDED USE)	TITLE:	
.XX ± 0.15	.X° XX		BF04**150*	0.4MM BTB 1.5H Female Conn Customer Drawing	
.XXX ± 0.10	.XX° XX	FINISH:	APPD:	DWG NO.:	
		SEE NOTES		5001BF04001510-C	
		Weight:	CHKD:	 	
			DR:P F		
				SCALE	SHEET
				5:1	1/1
				REV.	A



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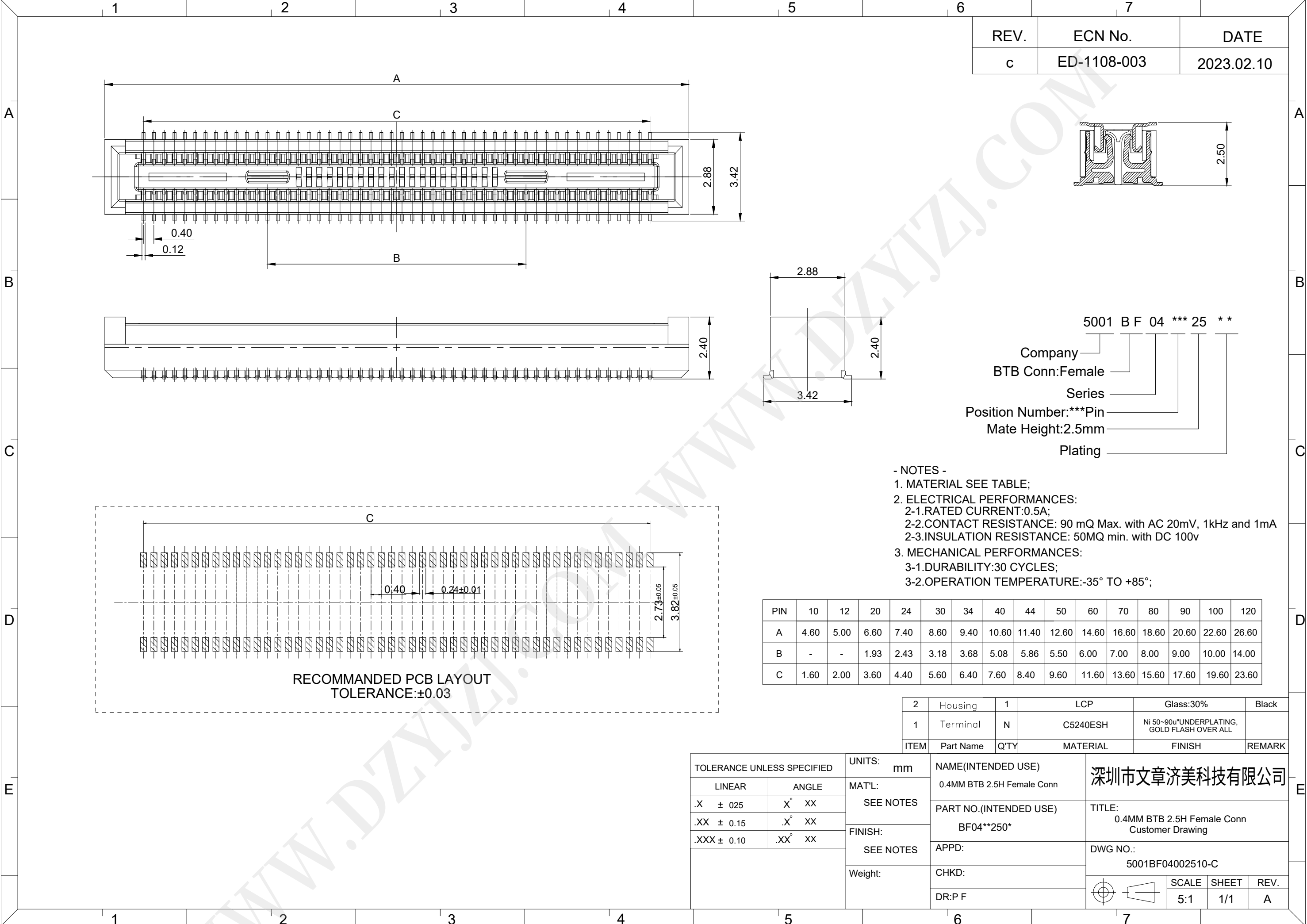
Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:2.0mm
Plating

- NOTES -
1. MATERIAL SEE TABLE;
 2. ELECTRICAL PERFORMANCES:
2-1.RATED CURRENT:0.5A;
2-2.CONTACT RESISTANCE: 90 mQ Max. with AC 20mV, 1kHz and 1mA
2-3.INSULATION RESISTANCE: 50MQ min. with DC 100v
 3. MECHANICAL PERFORMANCES:
3-1.DURABILITY:30 CYCLES;
3-2.OPERATION TEMPERATURE:-35° TO +85°;

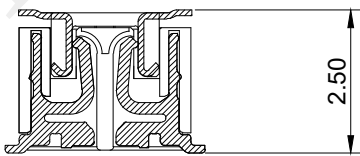
PIN	10	12	20	24	30	34	40	44	50	60	70	80	90	100	120
A	4.60	5.00	6.60	7.40	8.60	9.40	10.60	11.40	12.60	14.60	16.60	18.60	20.60	22.60	26.60
B	-	-	1.93	2.43	3.18	3.68	5.08	5.86	5.50	6.00	7.00	8.00	9.00	10.00	14.00
C	1.60	2.00	3.60	4.40	5.60	6.40	7.60	8.40	9.60	11.60	13.60	15.60	17.60	19.60	23.60

2	Housing	1	LCP	Glass:30%	Black
1	Terminal	N	C5240ESH	Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL	
ITEM	Part Name	Q'TY	MATERIAL	FINISH	REMARK

TOLERANCE UNLESS SPECIFIED		UNITS: mm	NAME(INTENDED USE)	深圳市文章济美科技有限公司		
LINEAR	ANGLE	MAT'L:	0.4MM BTB 2.0H Female Conn			
.X ± 0.25	X° XX	SEE NOTES	PART NO.(INTENDED USE)	TITLE:		
.XX ± 0.15	.X° XX		BF04**200*	0.4MM BTB 2.0H Female Conn Customer Drawing		
.XXX ± 0.10	.XX° XX	FINISH:	APPD:	DWG NO.:		
		SEE NOTES		5001BF04002010-C		
		Weight:	CHKD:		SCALE	SHEET
			DR:P F		5:1	1/1
					REV.	A



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5001 B F 04 *** 25 **

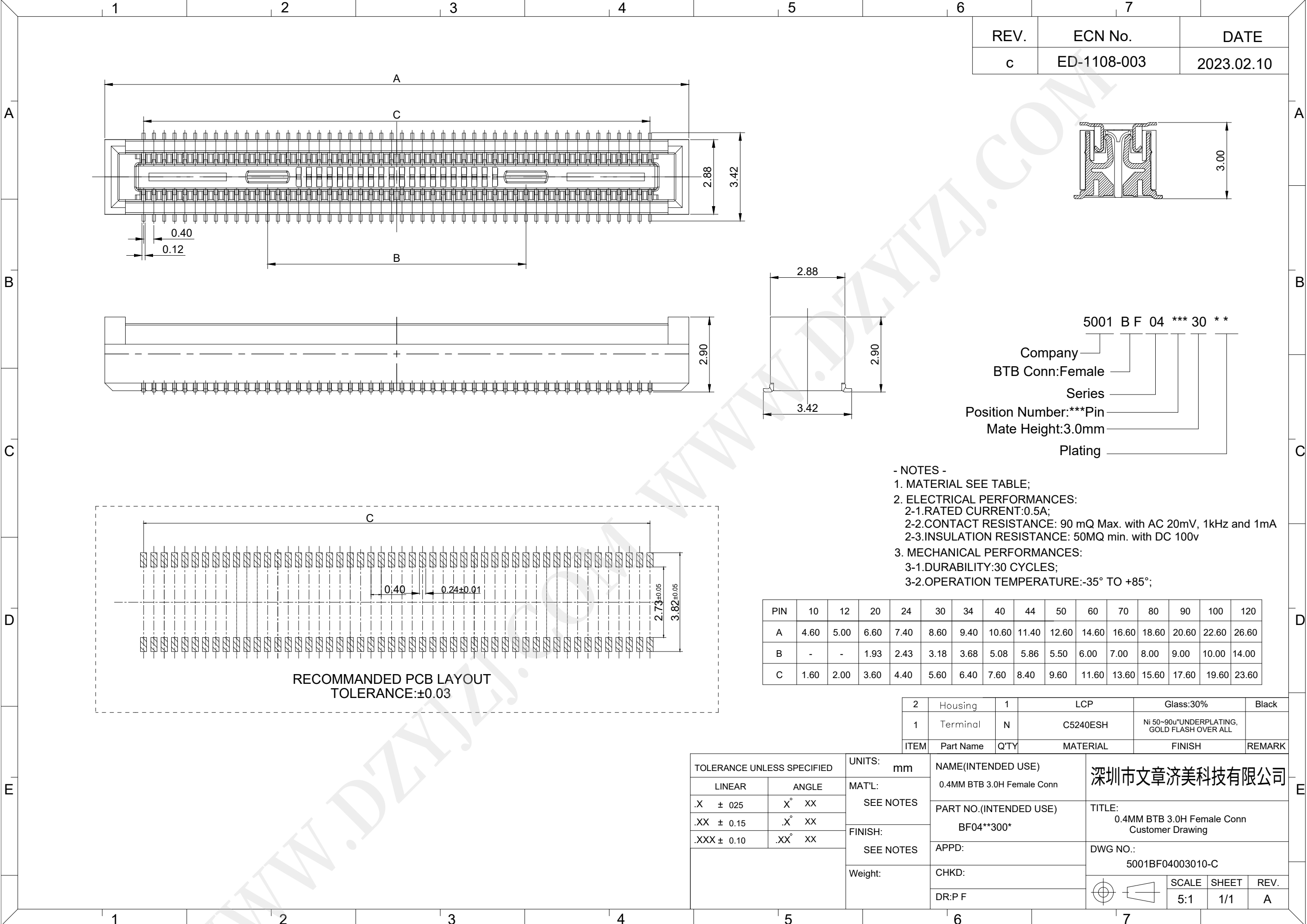
Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:2.5mm
Plating

- NOTES -
1. MATERIAL SEE TABLE;
 2. ELECTRICAL PERFORMANCES:
2-1.RATED CURRENT:0.5A;
2-2.CONTACT RESISTANCE: 90 mQ Max. with AC 20mV, 1kHz and 1mA
2-3.INSULATION RESISTANCE: 50MQ min. with DC 100v
 3. MECHANICAL PERFORMANCES:
3-1.DURABILITY:30 CYCLES;
3-2.OPERATION TEMPERATURE:-35° TO +85°;

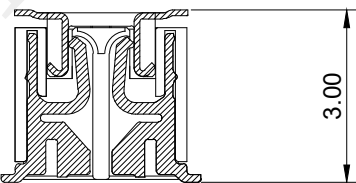
PIN	10	12	20	24	30	34	40	44	50	60	70	80	90	100	120
A	4.60	5.00	6.60	7.40	8.60	9.40	10.60	11.40	12.60	14.60	16.60	18.60	20.60	22.60	26.60
B	-	-	1.93	2.43	3.18	3.68	5.08	5.86	5.50	6.00	7.00	8.00	9.00	10.00	14.00
C	1.60	2.00	3.60	4.40	5.60	6.40	7.60	8.40	9.60	11.60	13.60	15.60	17.60	19.60	23.60

2	Housing	1	LCP	Glass:30%	Black
1	Terminal	N	C5240ESH	Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL	
ITEM	Part Name	Q'TY	MATERIAL	FINISH	REMARK

TOLERANCE UNLESS SPECIFIED		UNITS: mm	NAME(INTENDED USE)	深圳市文章济美科技有限公司	
LINEAR	ANGLE	MAT'L:	0.4MM BTB 2.5H Female Conn		
.X ± 0.25	X° XX	SEE NOTES	PART NO.(INTENDED USE)	TITLE:	
.XX ± 0.15	.X° XX		BF04**250*	0.4MM BTB 2.5H Female Conn Customer Drawing	
.XXX ± 0.10	.XX° XX	FINISH:	APPD:	DWG NO.:	
		SEE NOTES		5001BF04002510-C	
		Weight:	CHKD:		
			DR:P F		
				SCALE	SHEET
				5:1	1/1
				REV.	A



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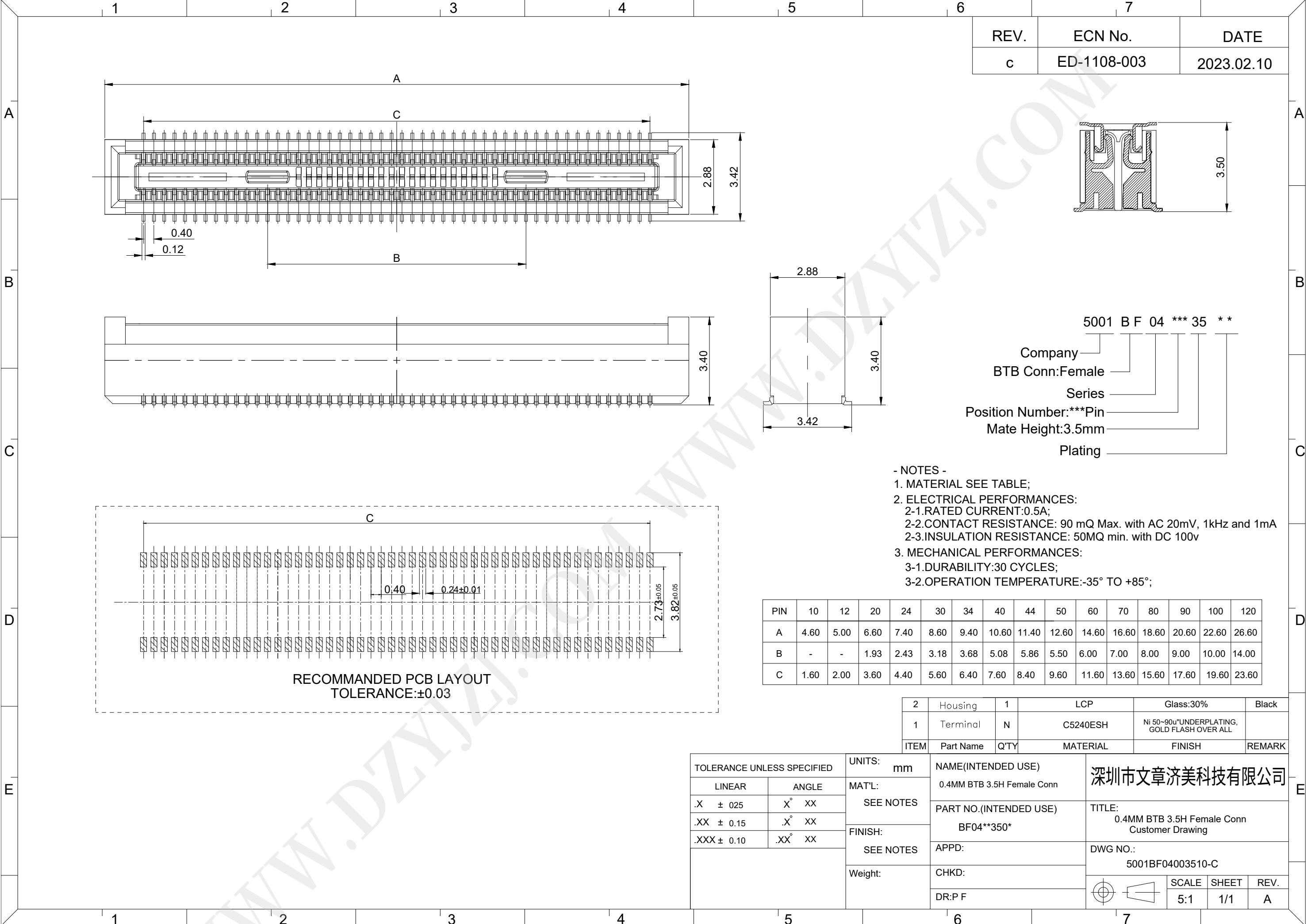
Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:3.0mm
Plating

- NOTES -
1. MATERIAL SEE TABLE;
 2. ELECTRICAL PERFORMANCES:
2-1.RATED CURRENT:0.5A;
2-2.CONTACT RESISTANCE: 90 mQ Max. with AC 20mV, 1kHz and 1mA
2-3.INSULATION RESISTANCE: 50MQ min. with DC 100v
 3. MECHANICAL PERFORMANCES:
3-1.DURABILITY:30 CYCLES;
3-2.OPERATION TEMPERATURE:-35° TO +85°;

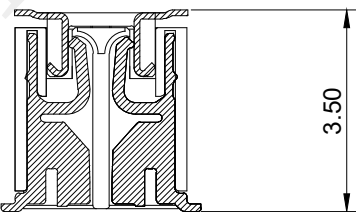
PIN	10	12	20	24	30	34	40	44	50	60	70	80	90	100	120
A	4.60	5.00	6.60	7.40	8.60	9.40	10.60	11.40	12.60	14.60	16.60	18.60	20.60	22.60	26.60
B	-	-	1.93	2.43	3.18	3.68	5.08	5.86	5.50	6.00	7.00	8.00	9.00	10.00	14.00
C	1.60	2.00	3.60	4.40	5.60	6.40	7.60	8.40	9.60	11.60	13.60	15.60	17.60	19.60	23.60

2	Housing	1	LCP	Glass:30%	Black
1	Terminal	N	C5240ESH	Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL	
ITEM	Part Name	Q'TY	MATERIAL	FINISH	REMARK

TOLERANCE UNLESS SPECIFIED		UNITS: mm	NAME(INTENDED USE)	深圳市文章济美科技有限公司		
LINEAR	ANGLE	MAT'L:	0.4MM BTB 3.0H Female Conn			
.X ± 0.25	X° XX	SEE NOTES	PART NO.(INTENDED USE)	TITLE:		
.XX ± 0.15	.X° XX		BF04**300*	0.4MM BTB 3.0H Female Conn		
.XXX ± 0.10	.XX° XX	FINISH:	APPD:	DWG NO.:		
		SEE NOTES		5001BF04003010-C		
		Weight:	CHKD:			SCALE
			DR:P F			
						SHEET
						1/1
						REV.
						A



REV.	ECN No.	DATE
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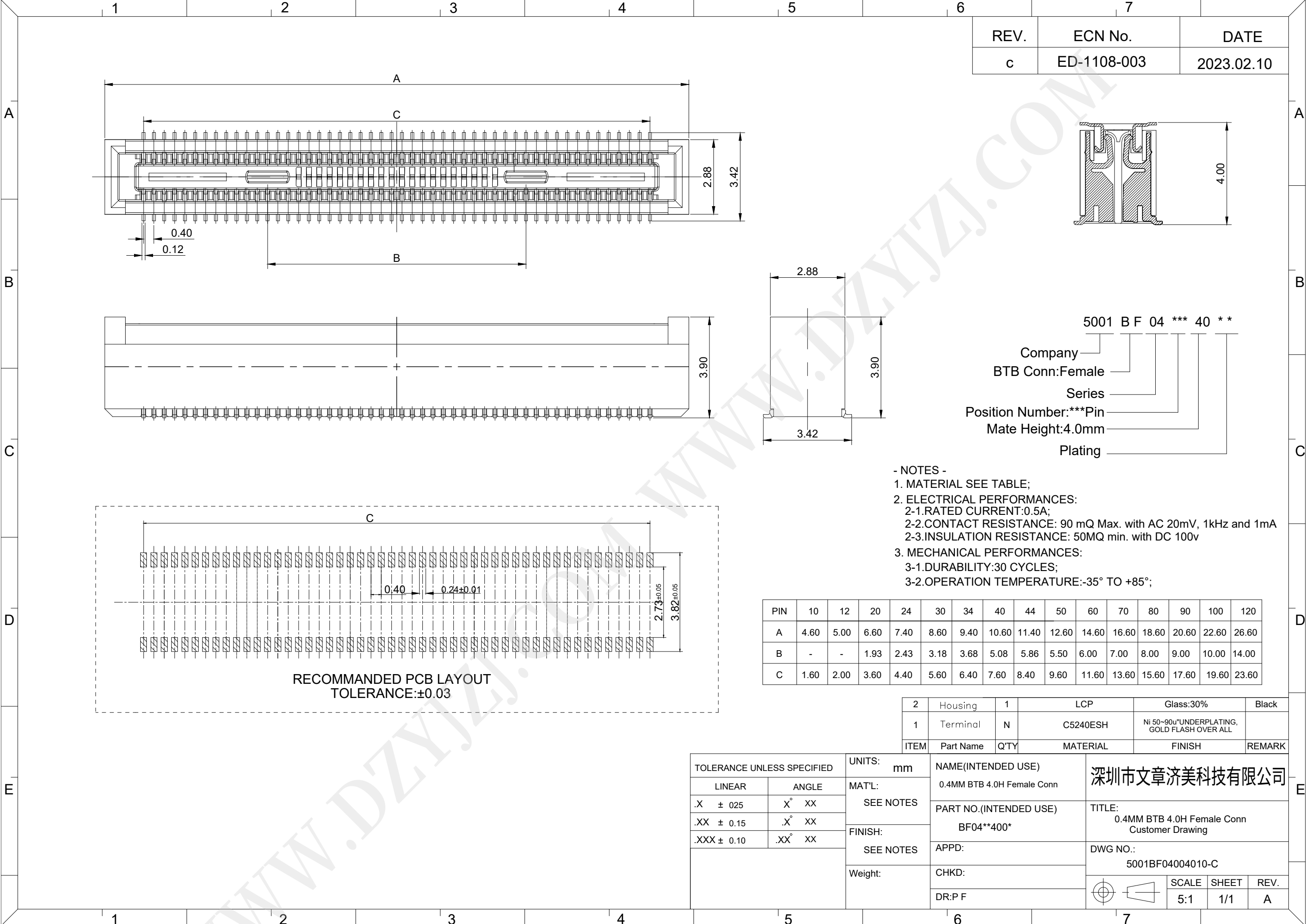
Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:3.5mm
Plating

- NOTES -
1. MATERIAL SEE TABLE;
 2. ELECTRICAL PERFORMANCES:
2-1.RATED CURRENT:0.5A;
2-2.CONTACT RESISTANCE: 90 mQ Max. with AC 20mV, 1kHz and 1mA
2-3.INSULATION RESISTANCE: 50MQ min. with DC 100v
 3. MECHANICAL PERFORMANCES:
3-1.DURABILITY:30 CYCLES;
3-2.OPERATION TEMPERATURE:-35° TO +85°;

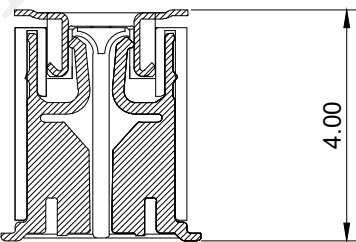
PIN	10	12	20	24	30	34	40	44	50	60	70	80	90	100	120
A	4.60	5.00	6.60	7.40	8.60	9.40	10.60	11.40	12.60	14.60	16.60	18.60	20.60	22.60	26.60
B	-	-	1.93	2.43	3.18	3.68	5.08	5.86	5.50	6.00	7.00	8.00	9.00	10.00	14.00
C	1.60	2.00	3.60	4.40	5.60	6.40	7.60	8.40	9.60	11.60	13.60	15.60	17.60	19.60	23.60

2	Housing	1	LCP	Glass:30%	Black
1	Terminal	N	C5240ESH	Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL	
ITEM	Part Name	Q'TY	MATERIAL	FINISH	REMARK

TOLERANCE UNLESS SPECIFIED		UNITS: mm	NAME(INTENDED USE)	深圳市文章济美科技有限公司	
LINEAR	ANGLE	MAT'L:	0.4MM BTB 3.5H Female Conn		
.X ± 0.25	X° XX	SEE NOTES	PART NO.(INTENDED USE)	TITLE:	
.XX ± 0.15	.X° XX		BF04**350*	0.4MM BTB 3.5H Female Conn Customer Drawing	
.XXX ± 0.10	.XX° XX	FINISH:	APPD:	DWG NO.:	
		SEE NOTES		5001BF04003510-C	
		Weight:	CHKD:		
			DR:P F		
				SCALE	SHEET
				5:1	1/1
				REV.	A



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Company
BTB Conn:Female
Series
Position Number:***Pin
Mate Height:4.0mm
Plating

- NOTES -
1. MATERIAL SEE TABLE;
 2. ELECTRICAL PERFORMANCES:
2-1.RATED CURRENT:0.5A;
2-2.CONTACT RESISTANCE: 90 mQ Max. with AC 20mV, 1kHz and 1mA
2-3.INSULATION RESISTANCE: 50MQ min. with DC 100v
 3. MECHANICAL PERFORMANCES:
3-1.DURABILITY:30 CYCLES;
3-2.OPERATION TEMPERATURE:-35° TO +85°;

PIN	10	12	20	24	30	34	40	44	50	60	70	80	90	100	120
A	4.60	5.00	6.60	7.40	8.60	9.40	10.60	11.40	12.60	14.60	16.60	18.60	20.60	22.60	26.60
B	-	-	1.93	2.43	3.18	3.68	5.08	5.86	5.50	6.00	7.00	8.00	9.00	10.00	14.00
C	1.60	2.00	3.60	4.40	5.60	6.40	7.60	8.40	9.60	11.60	13.60	15.60	17.60	19.60	23.60

2	Housing	1	LCP	Glass:30%	Black
1	Terminal	N	C5240ESH	Ni 50~90u"UNDERPLATING, GOLD FLASH OVER ALL	
ITEM	Part Name	Q'TY	MATERIAL	FINISH	REMARK

TOLERANCE UNLESS SPECIFIED		UNITS: mm	NAME(INTENDED USE)	深圳市文章济美科技有限公司	
LINEAR	ANGLE	MAT'L:	0.4MM BTB 4.0H Female Conn		
.X ± 0.25	X° XX	SEE NOTES	PART NO.(INTENDED USE)	TITLE:	
.XX ± 0.15	.X° XX		BF04**400*	0.4MM BTB 4.0H Female Conn Customer Drawing	
.XXX ± 0.10	.XX° XX	FINISH:	APPD:	DWG NO.:	
		SEE NOTES		5001BF04004010-C	
		Weight:	CHKD:	 	
			DR:P F		
				SCALE	SHEET
				5:1	1/1
				REV.	A