

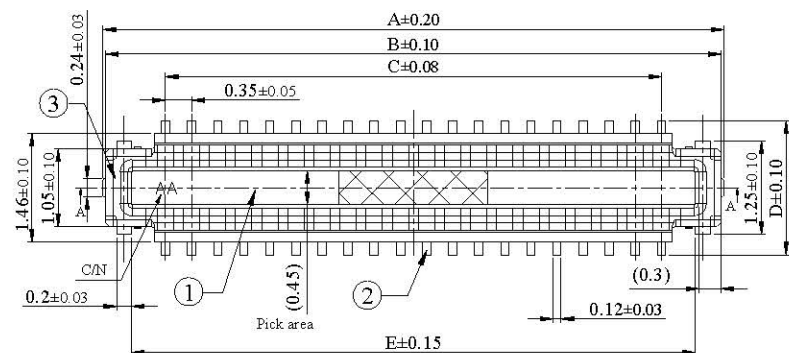
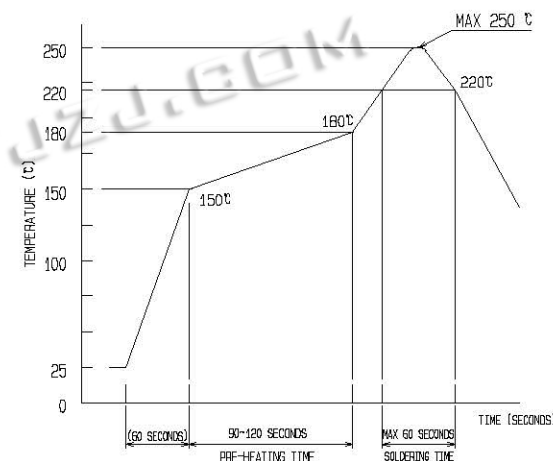
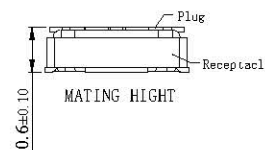
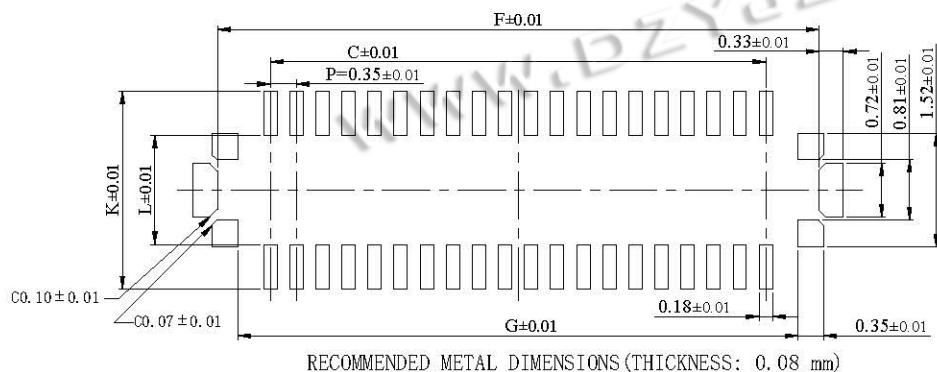
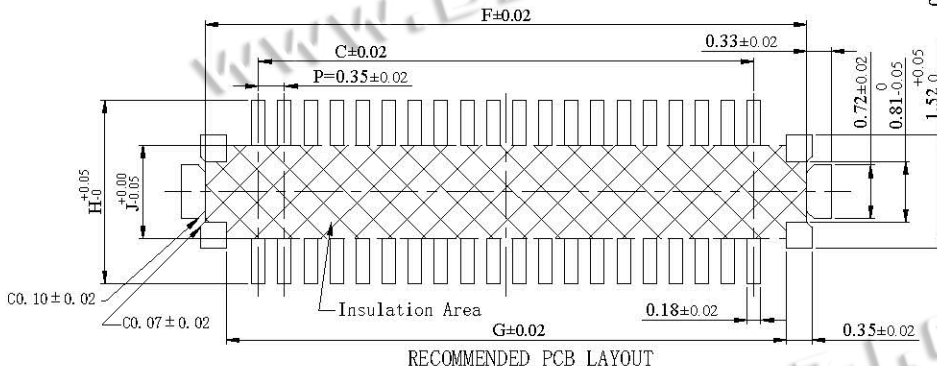
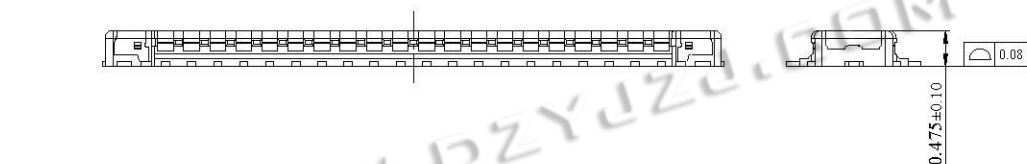


TABLE:

No. of PIN	DIM										
	A	B	C	D	E	F	G	H	J	K	L
6PIN	2.35	2.31	0.70	1.60	1.665	2.12	1.56	2.16	1.06	2.26	1.16
10PIN	3.05	3.01	1.40	1.60	2.365	2.82	2.26	2.16	1.06	2.26	1.16
16PIN	4.10	4.06	2.45	1.80	3.415	3.87	3.31	2.46	1.26	2.66	1.46
24PIN	5.50	5.46	3.85	1.80	4.815	5.27	4.71	2.46	1.26	2.66	1.46
30PIN	6.55	6.51	4.90	1.80	5.865	6.32	5.76	2.46	1.26	2.66	1.46
32PIN	6.90	6.86	5.25	1.80	6.215	6.67	6.11	2.46	1.26	2.66	1.46
34PIN	7.25	7.21	5.60	1.80	6.565	7.02	6.46	2.46	1.26	2.66	1.46
40PIN	8.30	8.26	6.65	1.80	7.615	8.07	7.51	2.46	1.26	2.66	1.46
50PIN	10.05	10.01	8.40	1.80	9.365	9.82	9.26	2.46	1.26	2.66	1.46
60PIN	11.80	11.76	10.15	1.80	11.115	11.57	11.01	2.46	1.26	2.66	1.46

RECOMMENDED REFLOW TEMPERATURE PROFILE
USIN LEAD-FREE SOLDER PASTE

NOTES:

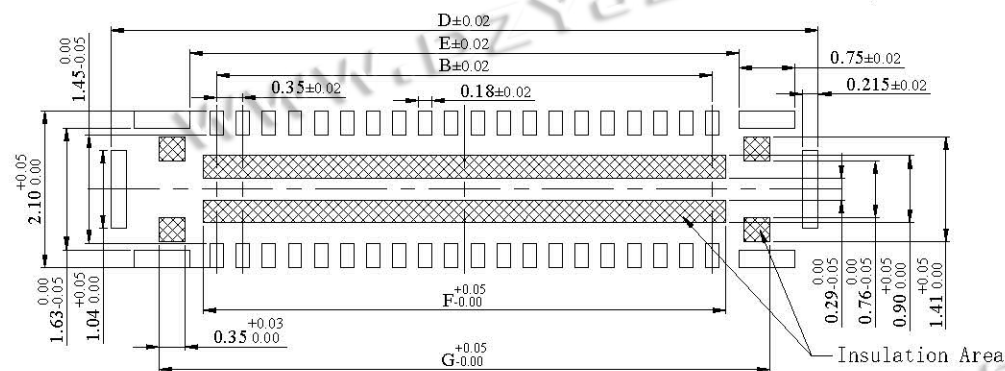
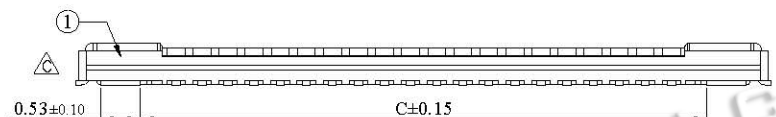
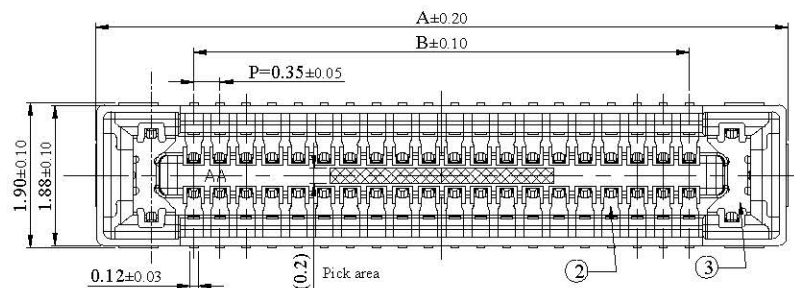
- 1.0 VOLTAGE: 30V AC/DC
- 2.0 CURRENT: 0.3A/SIGNAL CONTACT, 7A/POWER CONTACT
- 3.0 OPERATION TEMPERATURE: -40° C TO 85° C
- 4.0 CONTACT RESISTANCE: 90m Ω /SIGNAL CONTACT, 30m Ω /POWER CONTACT
- 5.0 INSULATION RESISTANCE: 50M Ω MIN INITIAL
- 6.0 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR ONE MINUTE
- 7.0 DURABILITY: 30 CYCLES
- 8.0 IR REFLOW CYCLE: 2 CYCLES MAX.

3	POWER CONTACT	COPPER ALLOY, Au/Sn ² Min. ON CONTACT AREA, Au/Sn ² Min. ON SOLDER AREA, #1 50u"Min. ALL OVER	6	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, Au/Sn ² Min. ON CONTACT AREA, Au/Sn ² Min. ON SOLDER AREA, #1 50u"Min. ALL OVER	5	COVER TAPE	POLYESTER
1	HOUSING	LCP, BLACK, UL 94 V-0	4	EMBEDDED CARRIER TAPE	PS
NO.	PART NAME	DESCRIPTION, REMARKS	NO.	PART NAME	DESCRIPTION, REMARKS

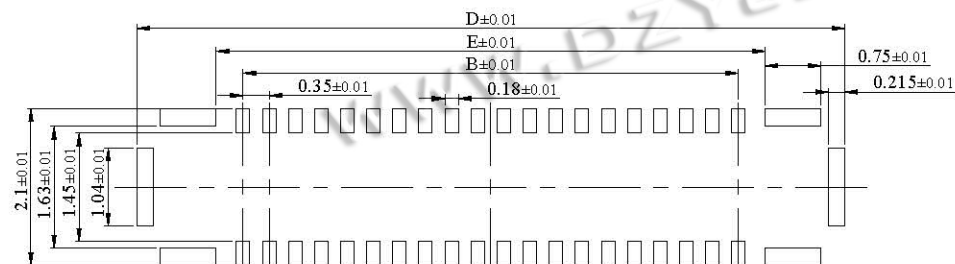


深圳市华宇创精密电子有限公司

TOLERANCE: XX $\pm$ 0.30 XX $\pm$ 0.25 XXX $\pm$ 0.15 X' $\pm$ 2" X.X' $\pm$ 0.5" UNIT: mm [inch] SCALE: 1:1 SIZE: A4	DRAWN BY:	DATE:	PART NAME:
	陈一鸣	2014-02-23	0.35PH 单槽BTB 公座
	CHECKED BY:	DATE:	PART NO.
	马跃	2014-02-23	HYC60M-BTB2XN-047
	APPROVED BY:	DATE:	DRAW NO.
	邱敏	2014-02-23	HYC-2511201605
			SHEET NO.
			1 OF 1



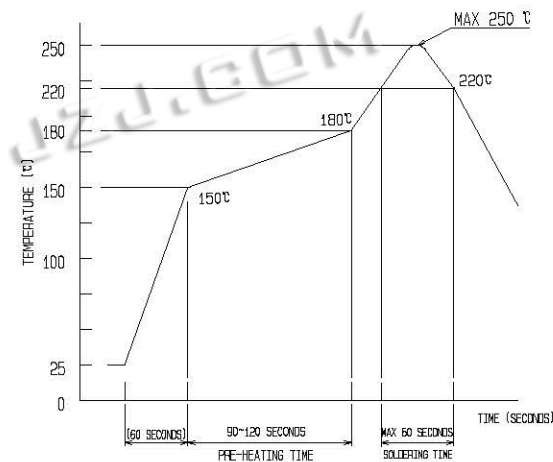
RECOMMENDED PCB LAYOUT



RECOMMENDED METAL DIMENSIONS (THICKNESS: 0.08 mm)

TABLE:

No. of PIN	DIM						
	A	B	C	D	E	F	G
6PIN	3.30	0.70	1.62	3.545	1.42	1.07	2.25
10PIN	4.00	1.40	2.32	4.245	2.12	1.77	2.95
16PIN	5.05	2.45	3.37	5.295	3.17	2.82	4.00
24PIN	6.45	3.85	4.77	6.695	4.57	4.22	5.40
30PIN	7.50	4.90	5.82	7.745	5.62	5.27	6.45
32PIN	7.85	5.25	6.17	8.095	5.97	5.62	6.80
34PIN	8.20	5.60	6.52	8.445	6.32	5.97	7.15
40PIN	9.25	6.65	7.57	9.495	7.37	7.02	8.20
50PIN	11.00	8.40	9.32	11.245	9.12	8.77	9.95
60PIN	12.75	10.15	11.07	12.995	10.87	10.52	11.70

RECOMMENDED REFLOW TEMPERATURE PROFILE
USIN LEAD-FREE SOLDER PASTE

NOTES:

- 1.0 VOLTAGE: 30V AC/DC
- 2.0 CURRENT: 0.3A/SIGNAL CONTACT, 7A/POWER CONTACT
- 3.0 OPERATION TEMPERATURE: -40° C TO 85° C
- 4.0 CONTACT RESISTANCE: 90mΩ /SIGNAL CONTACT, 30mΩ /POWER CONTACT
- 5.0 INSULATION RESISTANCE: 50MΩ MIN INITIAL
- 6.0 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR ONE MINUTE
- 7.0 DURABILITY: 30 CYCLES
- 8.0 IR REFLOW CYCLE: 2 CYCLES MAX.

3	POWER CONTACT	COPPER ALLOY, Au40% Min ON CONTACT AREA, Au10% Min ON SOLDER AREA, H1 50u" Min ALL OVER	6	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, Au40% Min ON CONTACT AREA, Au10% Min ON SOLDER AREA, H1 50u" Min ALL OVER	5	COVER TAPE	FLYESTER
1	HOUSING	LCP, BLACK, UL 94 V-0	4	EMBOSSED CARRIER TAPE	PS
NO.	PART NAME	DESCRIPTION, REMARKS	NO.	PART NAME	DESCRIPTION, REMARKS



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TOLERANCE:

X.X ±0.30

X.XX ±0.25

X.XXX ±0.15

X' ±2° X.X' ±0.5°

UNIT: mm [Inch]

SCALE: 1:1

SIZE: A4

DRAWN BY:

陈一鸣

CHECKED BY:

马跃

APPROVED BY:

邱敏

DATE:

2014-02-23

DATE:

2014-02-23

DATE:

2014-02-23

PART NAME:

0.35PH 单槽BTB 母座

PART NO.

HYC60F-BTB2XN-055

MOLD NO.

DRAW NO:

HYC-2511201617

SHEET NO.

1 OF 1