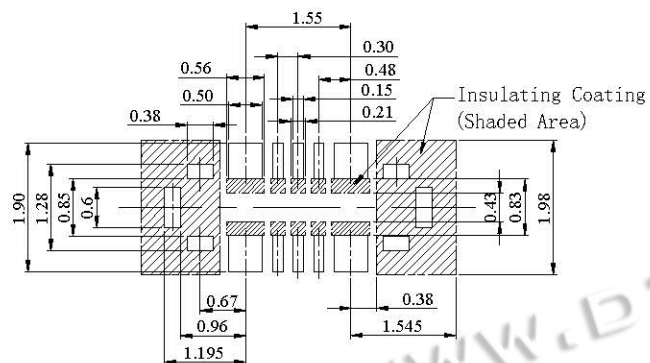
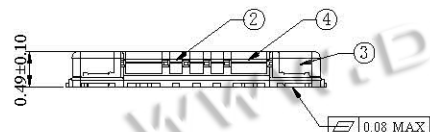
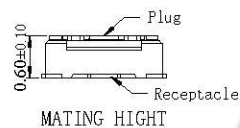
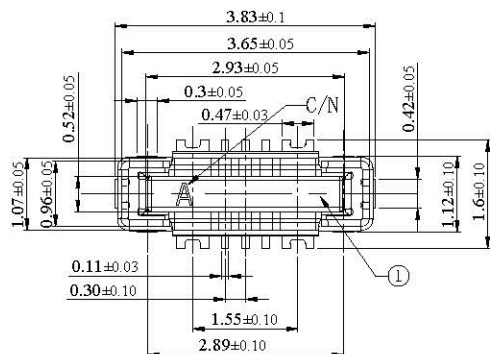
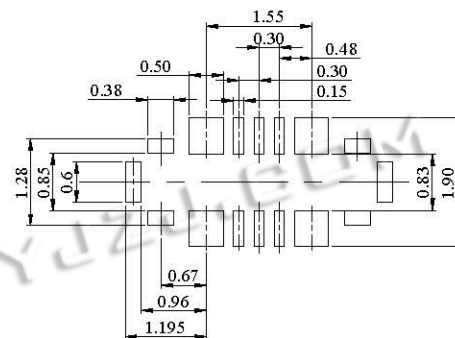
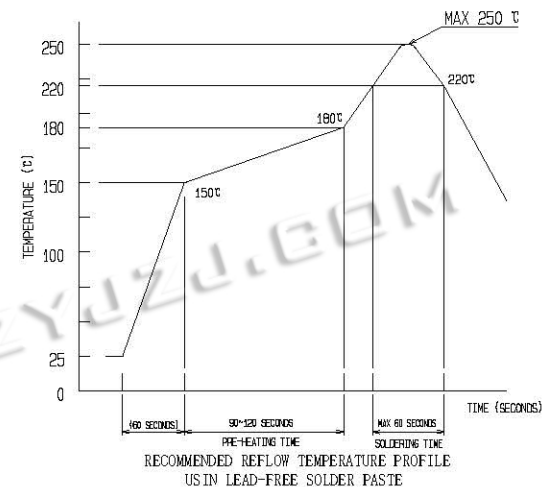




RECOMMENDED PCB LAYOUT
DIMENSIONAL TOLERANCE: ± 0.02



RECOMMENDED METAL DIMENSIONS (THICKNESS: 0.08 mm)
DIMENSIONAL TOLERANCE: ± 0.01



NOTE:

1: SPECIFICATION:

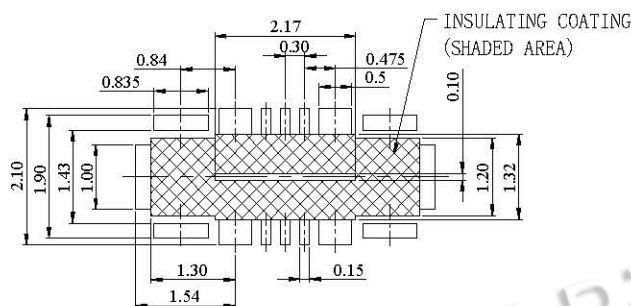
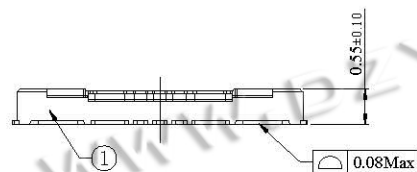
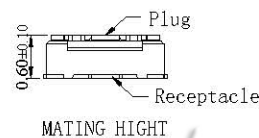
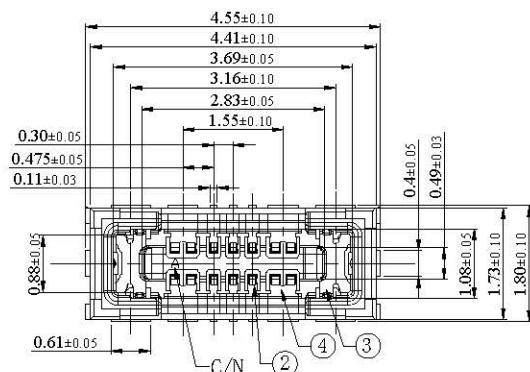
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated current : signal contact 0.3 AMPS/Pin
power contact 12 AMPS /(All power Pin)
- 1.3 Temperature Range: -40°C to $+85^{\circ}\text{C}$
- 1.4 Contact Resistance:
Signalpin: Initial: $50\text{m}\Omega$ MAX
AFTER TEST: $220\text{m}\Omega$
Power pin: Initial: $15\text{m}\Omega$ MAX
AFTER TEST: $15\text{m}\Omega$ MAX
- 1.5 Insulation Resistance
Initial: 500 M Ω Minimum.
After test: 500 M Ω Minimum.
- 1.6 Dielectric Withstanding Voltage
NO EVIDENCE OF BREAKDOWN IN AC 100 V,
1 MINUTE
- 1.7 MATING-UNMATING FORCE:
MATING FORCE: 30N MAX
UNMATING FORCE: 3N MIN
- 1.8 SALT WATER SPRAY: TEMPERATURE $35^{\circ}\text{C} \pm 2^{\circ}\text{C}$
DENSITY OF SALT WATER $5 \pm 1\%$
DURATION: 48 ± 2 HOUR
- 1.9 Storage Temperature Range -40°C to $+85^{\circ}\text{C}$
0 to 90 % RH (Relative humidity).

4	POWER CONTACT-B	COPPER ALLOY, AuAu* Min QV CONTACT AREA, AuAu* Min QV SOLDER AREA, Pl 50u*Min ALL OVER			
3	POWER CONTACT-A	COPPER ALLOY, AuAu* Min QV CONTACT AREA, AuAu* Min QV SOLDER AREA, Pl 50u*Min ALL OVER	7	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, AuAu* Min QV CONTACT AREA, AuAu* Min QV SOLDER AREA, Pl 50u*Min ALL OVER	6	COVER TAPE	PLLYESTER
1	HOUSING	LCP ,BLACK, UL 94 V-0	5	EMBOSSD CARRIER TAPE	PS
NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS

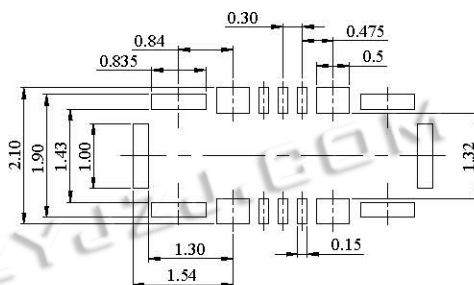


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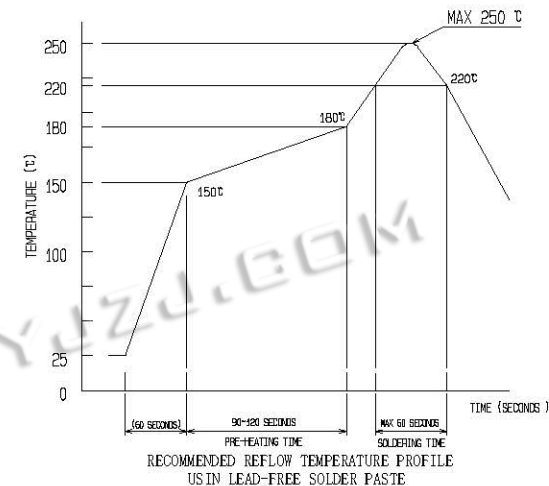
TOLERANCE: X.X ± 0.30 X.XX ± 0.25 X.XXX ± 0.15 X' $\pm 2'$ X.X' $\pm 0.5'$ UNIT: mm [Inch] SCALE: 1:1 SIZE: A4	DRAWN BY :	DATE :	PART NAME:
	陈一鸣	2014-02-23	0.3PH 单槽BTB 公座6+6P
	CHECKED BY:	DATE :	PART NO.
	马跃	2014-02-23	HYC58M-BTB2X3-6-049
	APPROVED BY:	DATE :	DRAW NO:
	邱敏	2014-02-23	HYC-2511201537
			SHEET NO.
			1 OF 1



RECOMMENDED PCB LAYOUT
DIMENSIONAL TOLERANCE: ± 0.03



RECOMMENDED METAL DIMENSIONS (THICKNESS: 0.08 mm)
DIMENSIONAL TOLERANCE: ± 0.01



NOTE:

1. SPECIFICATION:

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated current : signal contact 0.3 AMPS/Pin
power contact 12 AMPS Max/(All power Pin)
- 1.3 Temperature Range: -40°C to $+85^{\circ}\text{C}$
- 1.4 Contact Resistance:
Signal pin: Initial: $50 \text{ m}\Omega$ MAX
AFTER TEST: $20 \text{ m}\Omega$
Power pin: Initial: $15 \text{ m}\Omega$ MAX
AFTER TEST: $15 \text{ m}\Omega$ MAX
- 1.5 Insulation Resistance
Initial: $500 \text{ M}\Omega$ Minimum.
After test: $500 \text{ M}\Omega$ Minimum.
- 1.6 Dielectric Withstanding Voltage
NO EVIDENCE OF BREAKDOWN IN AC 100 V,
1 MINUTE
- 1.7 MATING-UNMATING FORCE:
MATING FORCE: 30 N MAX
UNMATING FORCE: 3 N MIN
- 1.8 SALT WATER SPRAY: TEMPERATURE $35^{\circ}\text{C} \pm 2^{\circ}\text{C}$
DENSITY OF SALT WATER $5 \pm 1\%$
DURATION: 48 ± 2 HOUR
- 1.9 Storage Temperature Range -40°C to $+85^{\circ}\text{C}$
0 to 90 % RH (Relative humidity).

4	POWER CONTACT-B	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au4u" Min ON SOLDER AREA, #1 50u" Min ALL OVER			
3	POWER CONTACT-A	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au4u" Min ON SOLDER AREA, #1 50u" Min ALL OVER	7	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au4u" Min ON SOLDER AREA, #1 50u" Min ALL OVER	6	COVER TAPE	FLYESTER
1	HOUSING	LCP, BLACK, UL 94 V-0	5	EMBOSSD 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' $\pm 2'$ X.X' $\pm 0.5'$  UNIT: mm [inch] SCALE: 1:1 SIZE: A4	DRAWN BY :	DATE :	PART NAME:
	陈一鸣	2014-02-23	0.3PH 单槽BTB 母座6+6P
	CHECKED BY:	DATE :	PART NO.
	马跃	2014-02-23	HYC58F-BTB2X3-6-055
	APPROVED BY:	DATE :	MOLD NO.
	邱敏	2014-02-23	
			DRAW NO:
			HYC-2511201536
			SHEET NO.
			1 OF 1