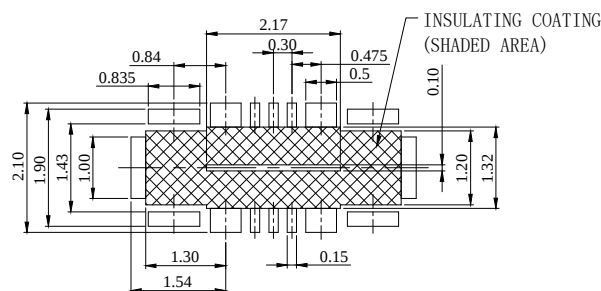
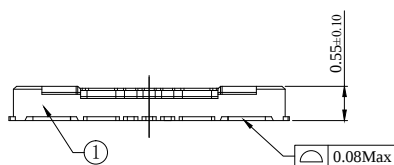
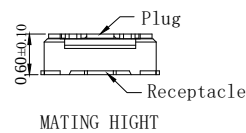
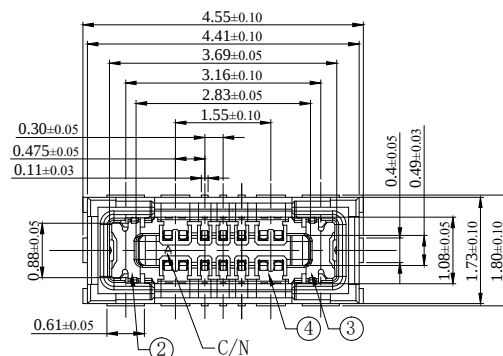
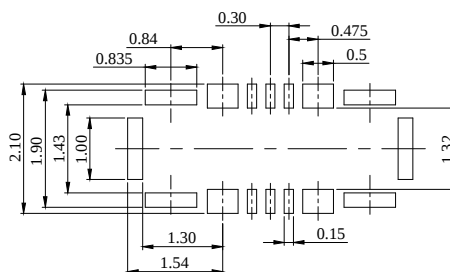


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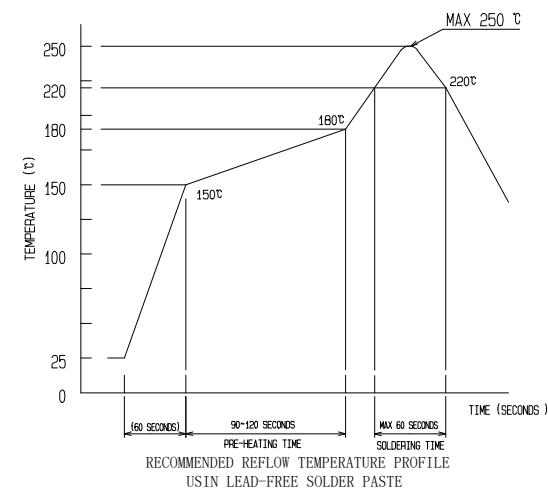
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
X1	/	NEW	2025.02.15	Qiang	GONG	LEO



RECOMMENDED PCB LAYOUT
DIMENSIONAL TOLERANCE: ± 0.02



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



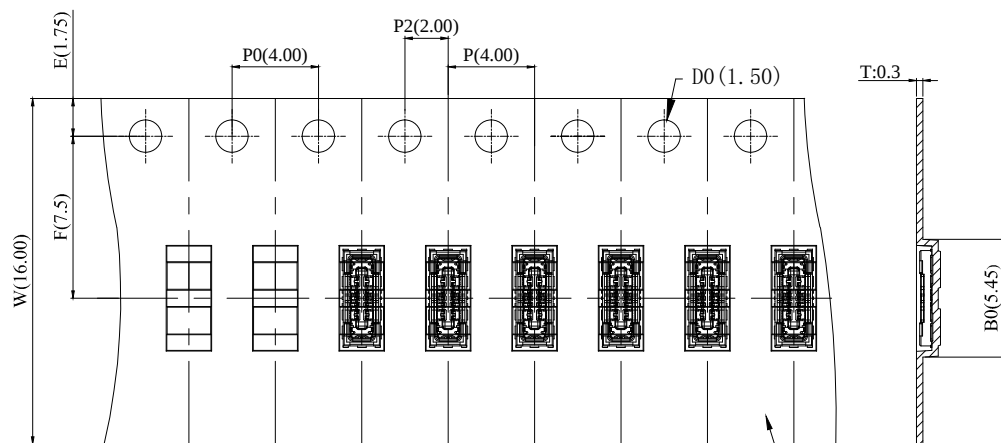
- NOTE:
1: SPECIFICATION:
- 1.1 Voltage Rating: 60V AC/DC
 - 1.2 Rated current : signal contact 0.3 AMPS/Pin
power contact 15 AMPS Max/(All power Pin)
 - 1.3 Temperature Range: -40°C to $+85^{\circ}\text{C}$
 - 1.4 Contact Resistance:
Signalpin: Initial: 50mΩ MAX
AFTER TEST: 20mΩ
Power pin: Initial: 15mΩ MAX
AFTER TEST: 15mΩ MAX
 - 1.5 Insulation Resistance
Initial: 500 MΩ Minimum.
After test: 500 MΩ 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).



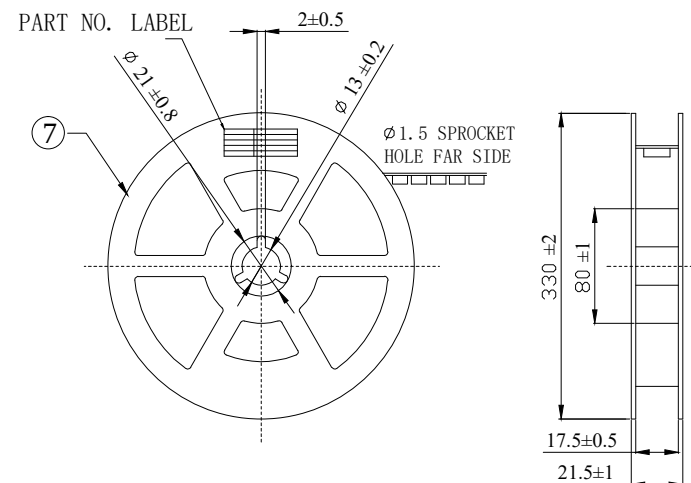
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www.kinghelm.com.cn 0755-28190160

4	POWER CONTACT-B	COPPER ALLOY, AuAu* Min ON CONTACT AREA, AuAu* Min ON SOLDER AREA, Ni 50u*Min ALL OVER			
3	POWER CONTACT-A	COPPER ALLOY, AuAu* Min ON CONTACT AREA, AuAu* Min ON SOLDER AREA, Ni 50u*Min ALL OVER	7	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, AuAu* Min ON CONTACT AREA, AuAu* Min ON SOLDER AREA, Ni 50u*Min ALL OVER	6	COVER TAPE	PLYESTER
1	HOUSING	LCP, BLACK, UL 94 V-0	5	EMBOSSED CARRIER TAPE	PS
NO.	PART NAME	DESCRIPTION, REMARKS	NO.	PART NAME	DESCRIPTION, REMARKS
GENERAL	TOLERANCE	UNITS: mm SCALE 1 : 1	TITLE: BTB CONN, REC, MH0.6, PO. 30mm, 6+6pin		
X. ± 0.30	X.* $\pm 5^{\circ}$	APPROVED LEO	DRAWING NO. : C-BB0043R-3		
.X ± 0.20	.X* $\pm 3^{\circ}$	CHECKED Gong	PART NO. : KH-BB0043R06A		
.XX ± 0.15	.XX* $\pm 2^{\circ}$	DESIGNED Qiang			

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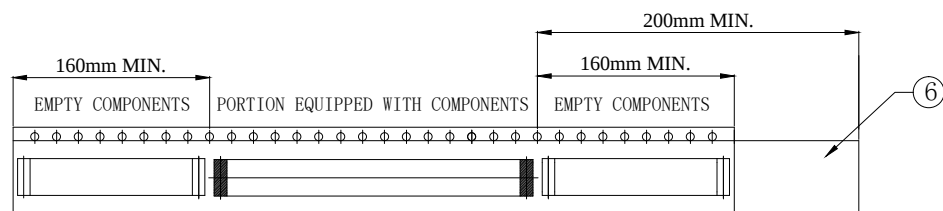


DIRECTION OF UNREELING



STYLE AND DIMENSION OF REEL

PER REEL 15000 CONNECTORS



TRAILER

TAPING (FREE)

LEADER

Rohs 2.0
Compliant



HF

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NO.				PART NAME				DESCRIPTION , REMARKS			
GENERAL				TOLERANCE				UNITS:mm			
X. ± 0.30				X." ± 5"				APPROVED			
.X ± 0.20				.X" ± 3"				CHECKED			
.XX ± 0.15				.XX" ± 2"				DESIGNED			
TITLE:				BTB CONN, REC, M10. 6, P0. 30mm, 6+6pin				SCALE 1 : 1			
DRAWING NO. :				C-BB0043R-3				LEO			
PART NO. :				KH- BB0043R06A				Gong			
								Qiang			

X1

2/2