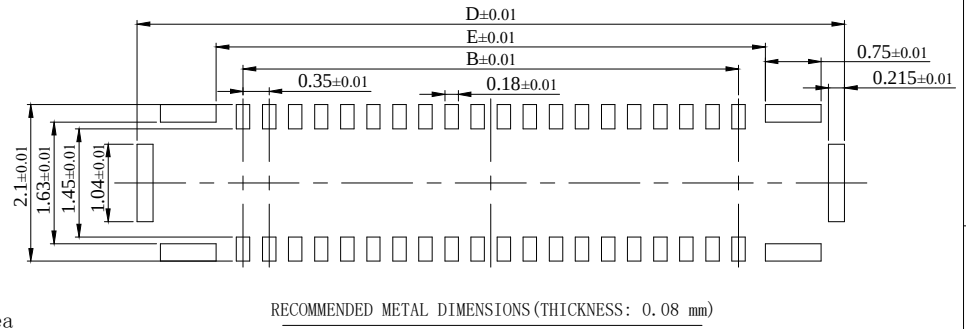
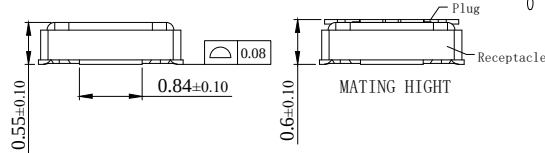
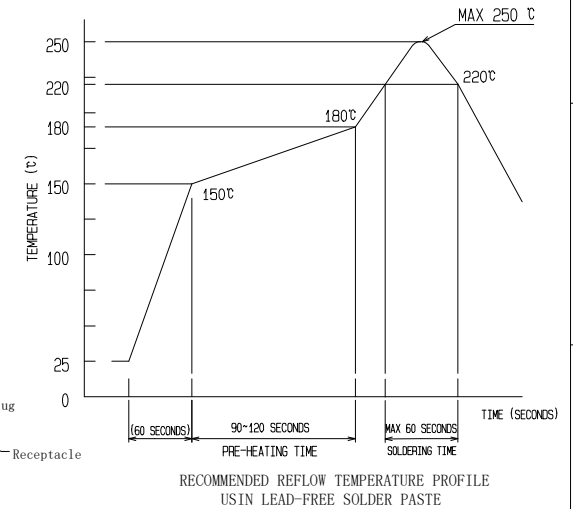


REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
A	/	NEW	2023.01.04	GONG	/	LEO
B	ECN24-0009	增加接点,提升过大电流能力至7A	2024.03.28	Qiang	GONG	LEO

TABLE:

P/N	No. of PIN	DIM						
		A	B	C	D	E	F	G
BB0009R06A	6PIN	3.30	0.70	1.62	3.545	1.42	1.07	2.25
BB0009R10A	10PIN	4.00	1.40	2.32	4.245	2.12	1.77	2.95
BB0009R12A	12PIN	4.35	1.75	2.67	4.595	2.47	2.12	3.30
BB0009R16A	16PIN	5.05	2.45	3.37	5.295	3.17	2.82	4.00
BB0009R24A	24PIN	6.45	3.85	4.77	6.695	4.57	4.22	5.40
BB0009R30A	30PIN	7.50	4.90	5.82	7.745	5.62	5.27	6.45
BB0009R32A	32PIN	7.85	5.25	6.17	8.095	5.97	5.62	6.80
BB0009R34A	34PIN	8.20	5.60	6.52	8.445	6.32	5.97	7.15
BB0009R40A	40PIN	9.25	6.65	7.57	9.495	7.37	7.02	8.20
BB0009R48A	48PIN	10.65	8.05	8.97	10.895	8.77	8.42	9.60
BB0009R50A	50PIN	11.00	8.40	9.32	11.245	9.12	8.77	9.95
BB0009R60A	60PIN	12.75	10.15	11.07	12.995	10.87	10.52	11.70



RECOMMENDED PCB LAYOUT

NOTES:

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

CPT

销售热线: 13632701009 朱先生

3	POWER CONTACT	COPPER ALLOY, GOLD PLATING OVER NICKEL	6	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, GOLD PLATING OVER NICKEL	5	COVER TAPE	PLLYESTER
1	HOUSING	LCP, BLACK, UL 94 V-0	4	EMBOSSD CARRIER TAPE	PS
NO.	PART NAME	DESCRIPTION , REMARKS	NO.	PART NAME	DESCRIPTION , REMARKS
GENERAL	TOLERANCE	UNITS: mm	SCALE 1 : 1		
X. ± 0.30	X.* ± 5°	APPROVED	LEO		
.X ± 0.20	.X.* ± 3°	CHECKED	Tom		
.XX ± 0.15	.XX.* ± 2°	DESIGNED	GONG		
TITLE: BTB CONN, REC, MH0, 60, PO. 35mm					
DRAWING NO. : C-BB0009R-1					B
PART NO. : SEE TABLE					1/2

1 2 3 4 5 6 7 8

销售热线：13632701009 朱先生

Technical drawing of a reel showing top, side, and end views with dimensions.

Top View Dimensions:

- Overall width: 4.00
- Distance between center holes: 2.00
- Distance from center hole to edge: 4.00
- Radius: $\phi 1.50$
- Overall height: $A \pm 0.30$
- Height of connector area: $B \pm 0.10$

Side View Dimensions:

- Height: C

End View Dimensions:

- Overall width: 2 ± 0.5
- Distance from center to edge: $\phi 21 \pm 0.8$
- Distance from center to edge: $\phi 13 \pm 0.2$
- Distance from center to edge: $\phi 1.5$ SPROCKET HOLE FAR SIDE
- Overall height: $F \pm 2$
- Distance from center to edge: $G \pm 1$
- Distance from center to edge: $D \pm 0.5$
- Distance from center to edge: $E \pm 1$

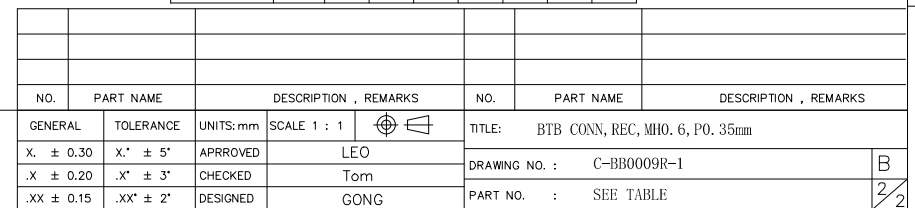
STYLE AND DIMENSION OF REEL

PER REEL 15000 CONNECTORS

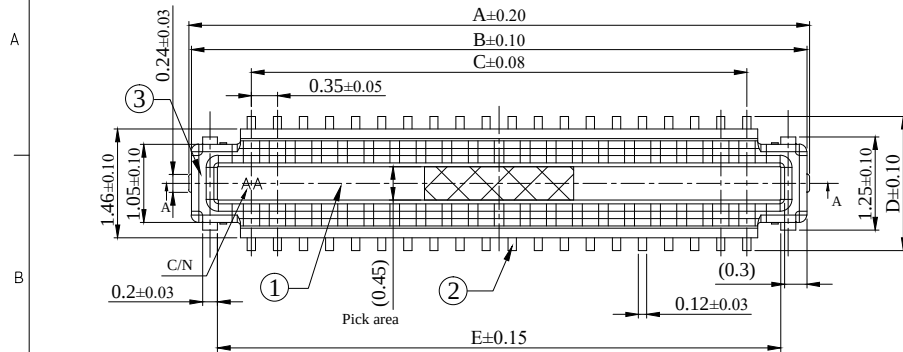
TABLE:

TABLE:

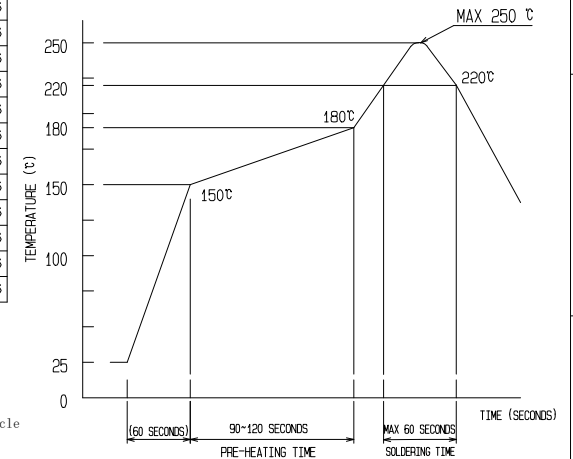
The diagram illustrates the layout of a cable reel. At the top, the text "DIRECTION OF UNREELING" is centered above a right-pointing arrow. Below this, a horizontal line represents the cable reel. The reel is divided into three sections: "EMPTY COMPONENTS" (left), "PORTION EQUIPPED WITH COMPONENTS" (middle), and "EMPTY COMPONENTS" (right). The "EMPTY COMPONENTS" sections are each labeled with a dimension of "160mm MIN." above them. The "PORTION EQUIPPED WITH COMPONENTS" section is labeled with a dimension of "200mm MIN." above it. The reel is also labeled with "TRAILER" at the left end, "TAPING (FREE)" in the middle, and "LEADER" at the right end. The reel is shown with a series of small circles representing components, and a larger circle representing the reel itself.



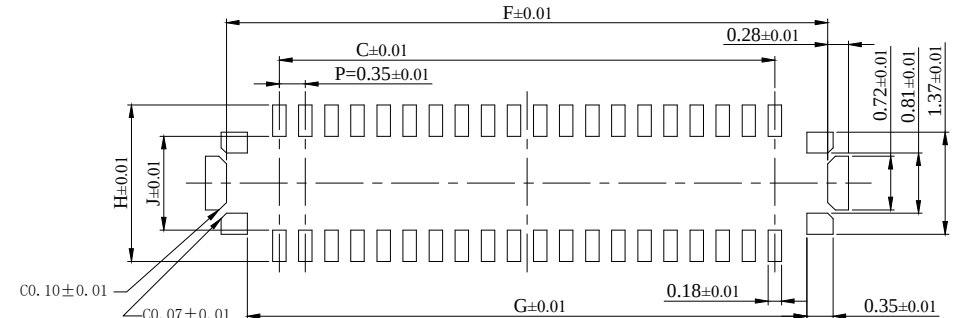
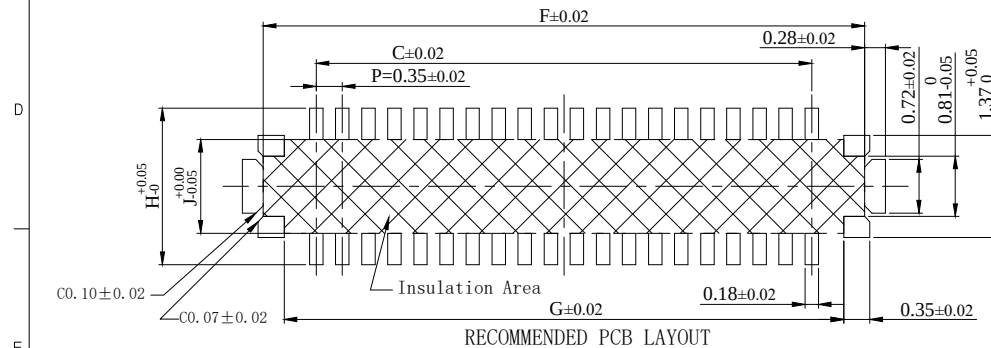
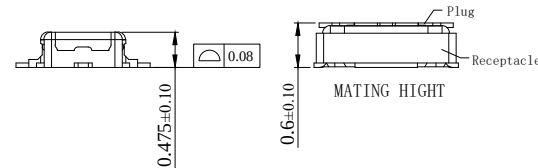
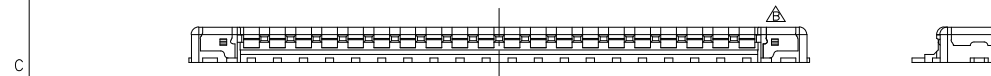
REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
A	/	NEW	2023.05.28	Qiang	GONG	LEO
B	ECN24-0008	电源Pin增加触点, 提升过电流能力至7A	2024.04.26	Qiang	GONG	LEO

TABLE:

P/N	No. of PIN	DIM								
		A	B	C	D	E	F	G	H	J
BB0009P06A	6PIN	2.35	2.31	0.70	1.60	1.665	2.12	1.56	1.80	1.00
BB0009P10A	10PIN	3.05	3.01	1.40	1.60	2.365	2.82	2.26	1.80	1.00
BB0009P12A	12PIN	3.40	3.36	1.75	1.80	2.715	3.17	2.61	2.10	1.20
BB0009P16A	16PIN	4.10	4.06	2.45	1.80	3.415	3.87	3.31	2.10	1.20
BB0009P24A	24PIN	5.50	5.46	3.85	1.80	4.815	5.27	4.71	2.10	1.20
BB0009P30A	30PIN	6.55	6.51	4.90	1.80	5.865	6.32	5.76	2.10	1.20
BB0009P32A	32PIN	6.90	6.86	5.25	1.80	6.215	6.67	6.11	2.10	1.20
BB0009P34A	34PIN	7.25	7.21	5.60	1.80	6.565	7.02	6.46	2.10	1.20
BB0009P40A	40PIN	8.30	8.26	6.65	1.80	7.615	8.07	7.51	2.10	1.20
BB0009P48A	48PIN	9.70	9.66	8.05	1.80	9.015	9.47	8.91	2.10	1.20
BB0009P50A	50PIN	10.05	10.01	8.40	1.80	9.365	9.82	9.26	2.10	1.20
BB0009P60A	60PIN	11.80	11.76	10.15	1.80	11.115	11.57	11.01	2.10	1.20



RECOMMENDED REFLOW TEMPERATURE PROFILE
USIN LEAD-FREE SOLDER PASTE



RECOMMENDED METAL DIMENSIONS (THICKNESS: 0.08 mm)

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: 500MΩ MIN INITIAL
- 6.0 DIELECTIC WITHSTANDING VOLTAGE: 100V AC FOR ONE MINUTE
- 7.0 DURABILITY: 30 CYCLES
- 8.0 IR REFLOW CYCLE: 2 CYCLES MAX.



销售热线：13632701009 朱先生

3	POWER CONTACT	COPPER ALLOY, GOLD PLATING OVER NICKEL		6	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, GOLD PLATING OVER NICKEL		5	COVER TAPE	PLYESTER
1	HOUSING	LCP, BLACK, UL 94 V-0		4	EMBOSSED CARRIER TAPE	PS
NO.	PART NAME	DESCRIPTION , REMARKS		NO.	PART NAME	DESCRIPTION , REMARKS
GENERAL	TOLERANCE	UNITS: mm	SCALE 1 : 1	TITLE: BTB CONN, P1ug, MH0. 60, PO. 35mm		
X. ± 0.30	X.* ± 5*	APPROVED	LEO	DRAWING NO. : C-BB0009P-1		B
.X ± 0.20	.X* ± 3*	CHECKED	TOM	PART NO. : SEE TABLE		1/2
.XX ± 0.15	.XX* ± 2*	DESIGNED	GONG			

