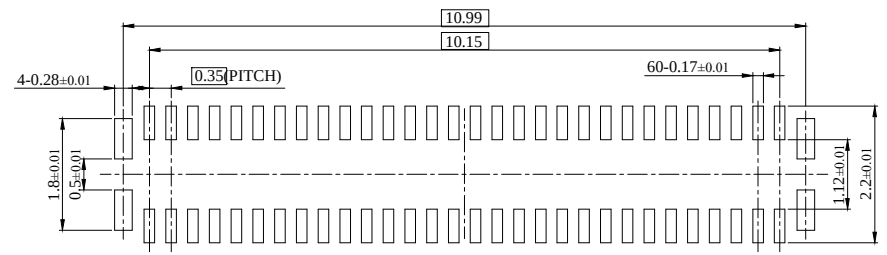
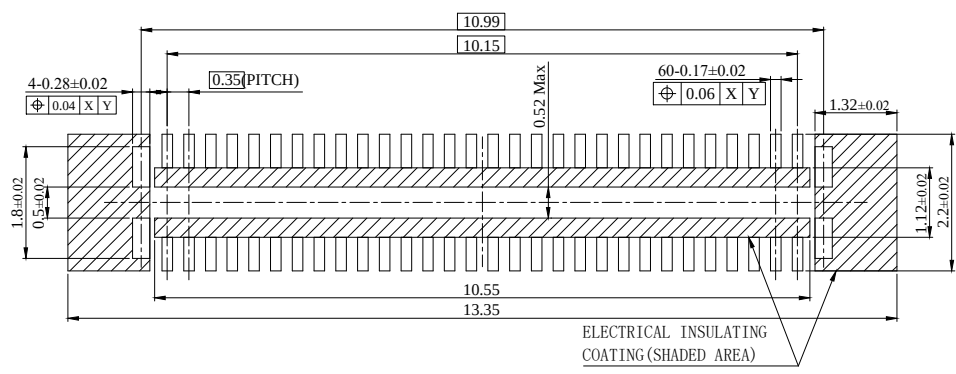
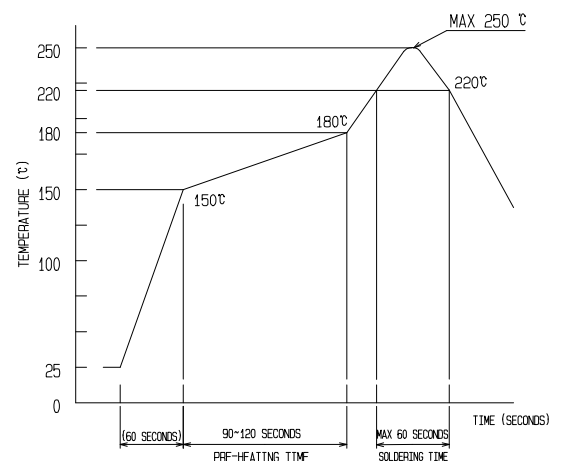
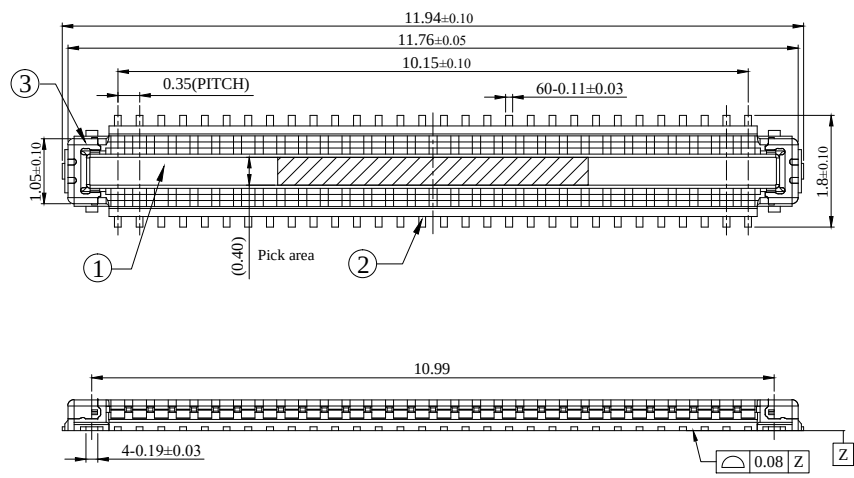


REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
X1	/	NEW	2024.05.06	Qiang	GONG	LEO

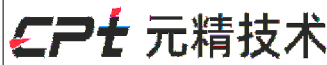


RECOMMENDED METAL DIMENSIONS (THICKNESS: 0.08 mm)

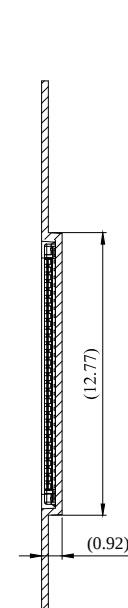
RECOMMENDED PCB LAYOUT

NOTES:

- 1.0 VOLTAGE: 50V AC/DC
- 2.0 CURRENT: 0.3A/SIGNAL CONTACT, 5A/POWER CONTACT
- 3.0 OPERATION TEMPERATURE: -40° C TO 85° C
- 4.0 CONTACT RESISTANCE (INITIAL): 70mΩ /SIGNAL CONTACT, 15mΩ /POWER CONTACT
(AFTER TEST): 100mΩ /SIGNAL CONTACT, 20mΩ /POWER CONTACT
- 5.0 INSULATION RESISTANCE: 50MΩ MIN INITIAL
- 6.0 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC FOR ONE MINUTE
- 7.0 MATING: 50N Max
UNMATING FORCE: (INITIAL) 6N Min; (AFTER TEST) 5N Min
- 8.0 DURABILITY: 30 CYCLES
- 9.0 IR REFLOW CYCLE: 2 CYCLES MAX.



3	POWER CONTACT	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au2u" Min ON SOLDER AREA, Ni 50u" Min ALL OVER	6	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au2u" Min ON SOLDER AREA, Ni 50u" Min ALL OVER	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, Plug, MHO. 60, PO. 35mm	
X. ± 0.30	X.* ± 5°	APPROVED LEO	DRAWING NO. :	C-BB0030P-1	X1
.X ± 0.20	.X* ± 3°	CHECKED TOM	PART NO. :	BB0030P60A	1/2
.XX ± 0.15	.XX* ± 2°	DESIGNED GONG			



DIRECTION OF UNREELING

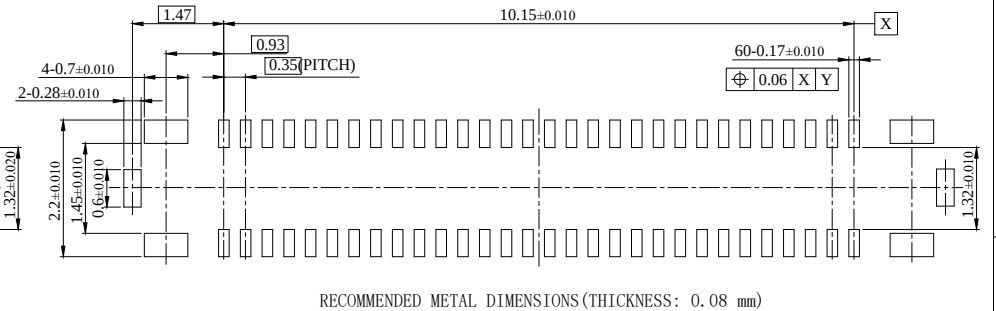
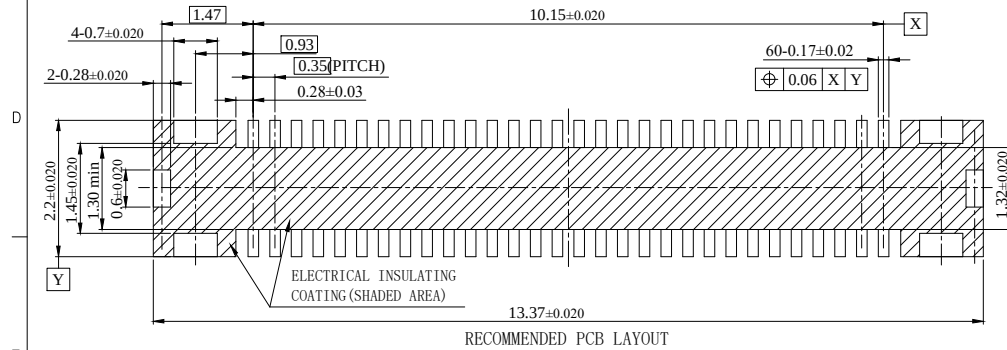
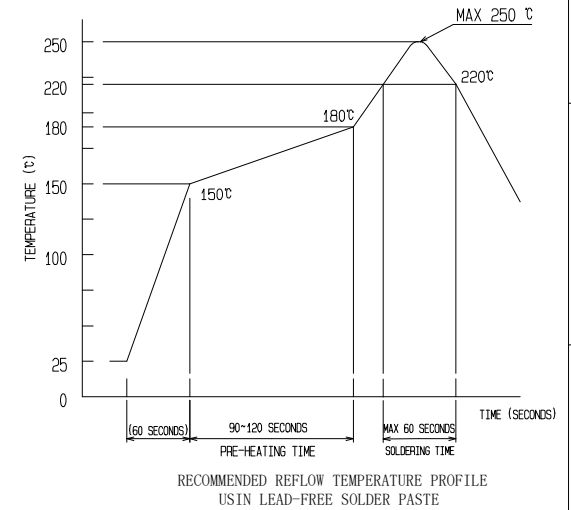
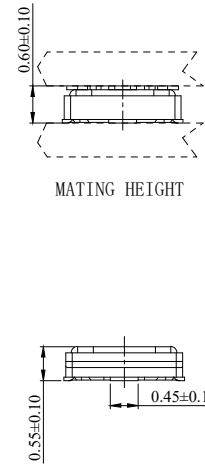
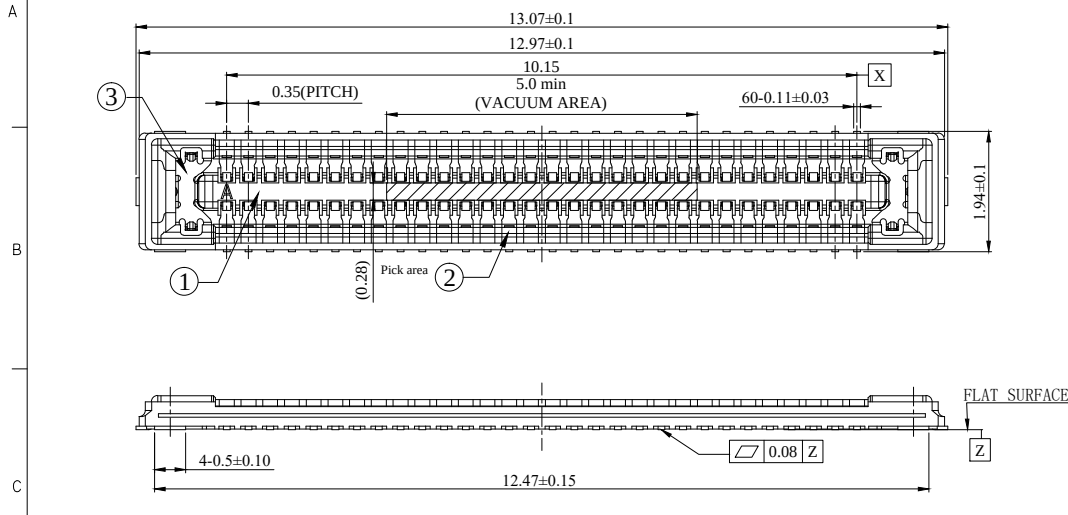


TAPING (FREE)

LEADER

NO.	PART NAME	DESCRIPTION , REMARKS			NO.	PART NAME	DESCRIPTION , REMARKS		
GENERAL	TOLERANCE	UNITS:mm	SCALE 1 : 1		TITLE: BTB CONN,P1ug,MHO. 6, P0. 35mm				
X. ± 0.30	X.' ± 5"	APPROVED	LEO		DRAWING NO. :	C-BB0030P-1	X1		
.X ± 0.10	.X" ± 3"	CHECKED	TOM						
.XX ± 0.15	.XX' ± 2'	DESIGNED	GONG		PART NO. :	BB0030P60A	2 / 2		

REV.	ECN NUMBER	DESCRIPTION	DAET	DRAWN	CHECKED	APPROVED
X1	/	NEW	2024.05.05	GONG	/	LEO

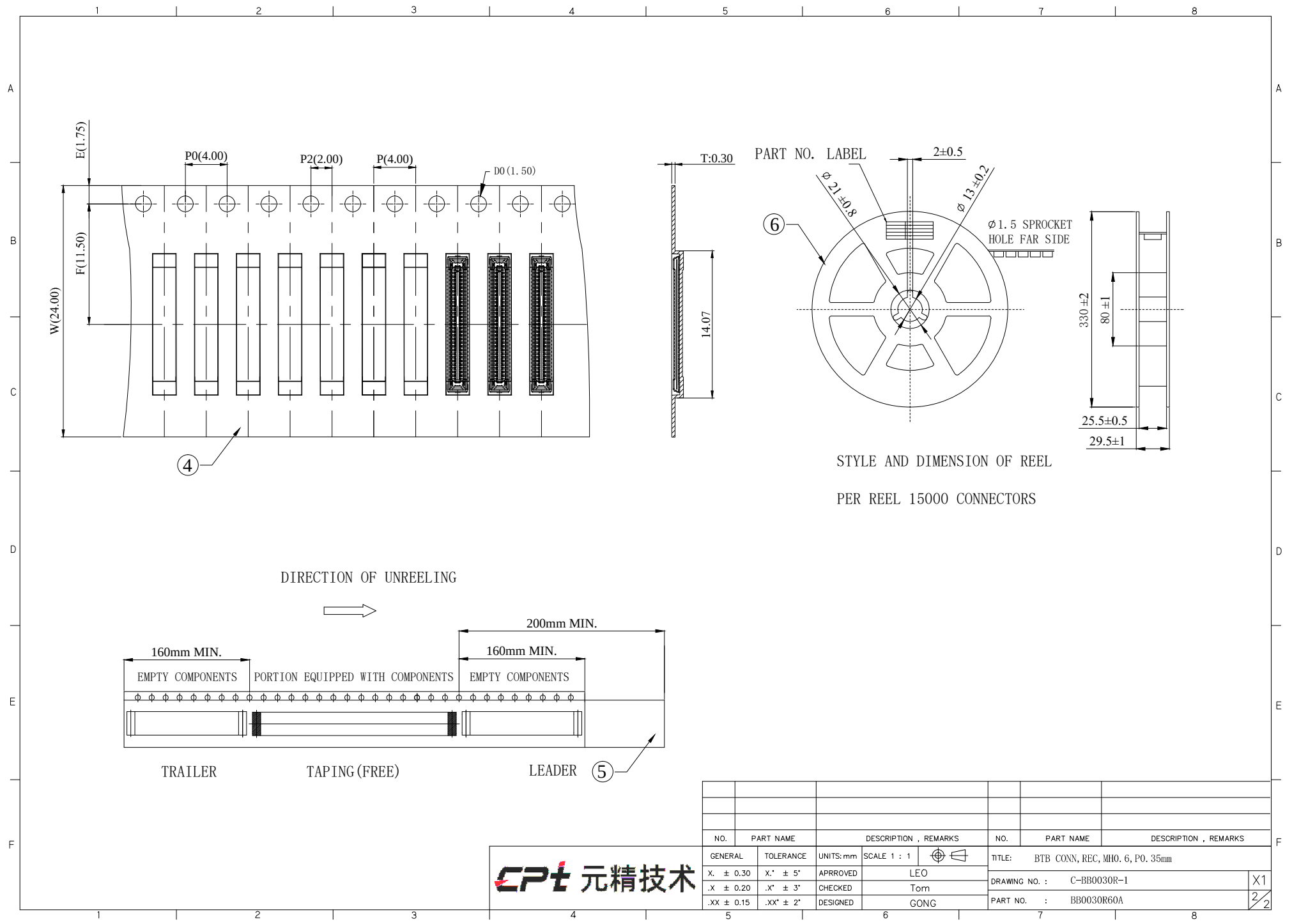


NOTES:

- 1.0 VOLTAGE: 50V AC/DC
- 2.0 CURRENT: 0.3A/SIGNAL CONTACT, 5A/POWER CONTACT
- 3.0 OPERATION TEMPERATURE: -40° C TO 85° C
- 4.0 CONTACT RESISTANCE (INITIAL): 70mΩ /SIGNAL CONTACT, 15mΩ /POWER CONTACT
(AFTER TEST): 100mΩ /SIGNAL CONTACT, 20mΩ /POWER CONTACT
- 5.0 INSULATION RESISTANCE: 50MΩ MIN INITIAL
- 6.0 DIELECTIC WITHSTANDING VOLTAGE: 100V AC FOR ONE MINUTE
- 7.0 MATING: 50N Max
UNMATING FORCE: (INITIAL) 6N Min; (AFTER TEST) 5N Min
- 8.0 DURABILITY: 30 CYCLES
- 9.0 IR REFLOW CYCLE: 2 CYCLES MAX.

3	POWER CONTACT	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au2u" Min ON SOLDER AREA, Ni 50u"Min ALL OVER	6	REEL	PLASTIC
2	SIGNAL CONTACT	COPPER ALLOY, Au4u" Min ON CONTACT AREA, Au2u" Min ON SOLDER AREA, Ni 50u"Min ALL OVER	5	COVER TAPE	PLVYESTER
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	TITLE: BTB CONN, REC, MH0, 60, PO. 35mm		
X. ± 0.30	X.* ± 5°	APPROVED	DRAWING NO. : C-BB0030R-1		
.X ± 0.20	.X.* ± 3°	CHECKED	PART NO. : BB0030R60A		
.XX ± 0.15	.XX.* ± 2°	DESIGNED			
GONG					

CPT 元精技术



STYLE AND DIMENSION OF REEL
PER REEL 15000 CONNECTORS

NO.	PART NAME	DESCRIPTION , REMARKS			NO.	PART NAME	DESCRIPTION , REMARKS
GENERAL	TOLERANCE	UNITS:mm	SCALE 1 : 1		TITLE: BTB CONN, REC, M10. 6, P0. 35mm		
X. ± 0.30	X." ± 5"	APPROVED	LEO		DRAWING NO. : C-BB0030R-1		X1
.X ± 0.20	.X" ± 3"	CHECKED	Tom		PART NO. : BB0030R60A		2
.XX ± 0.15	.XX" ± 2"	DESIGNED	GONG				2