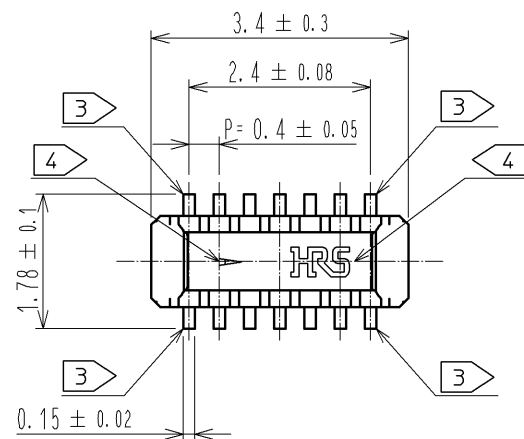
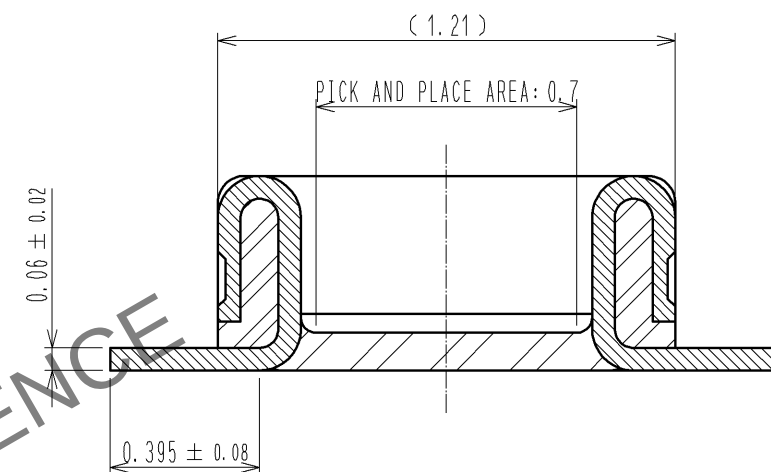
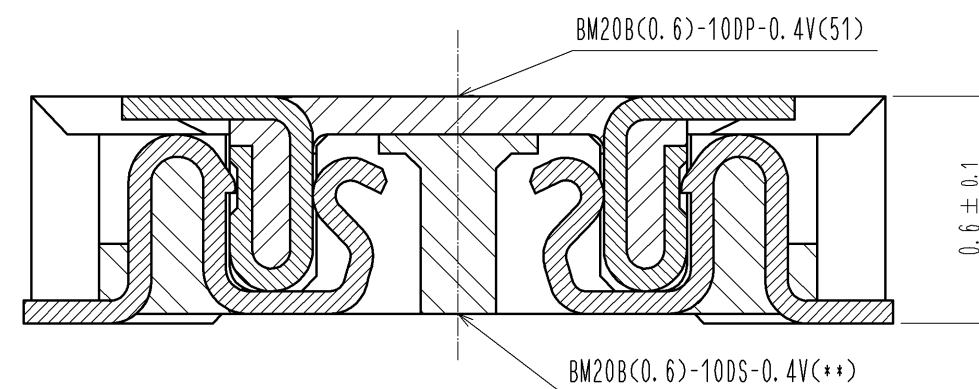


- NOTE 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
2 . CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05μm MIN
SMT LEAD : GOLD 0.05μm MIN
UNDER PLATING : NICKEL 1μm MIN
(SURFACE : SEALING)
3 . EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS.
4 . HRS MARK AND CAV No. ARE INDICATED IN APPROX POSITION SHOWN.
5 . A PART OF THE WALL COULD BE NOTCHED.

A-A (50:1)

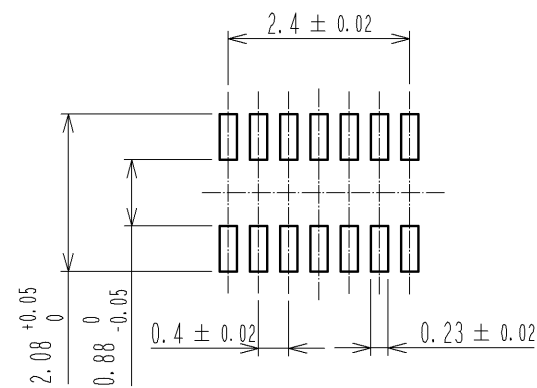


ENGAGEMENT FIGURE (50:1)



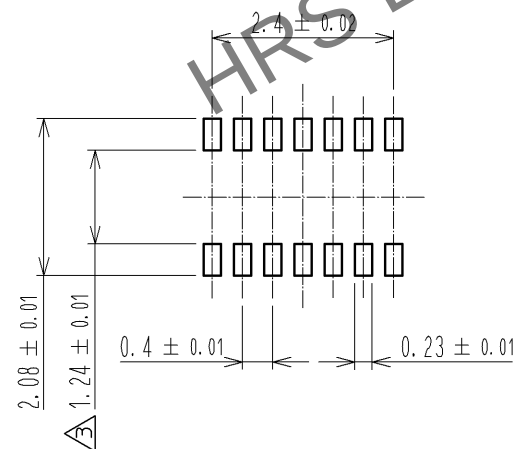
3	PS	CLEAR (EMBOSSED CARRIER TAPE)	6	PS	CLEAR (REINFORCEMENT COLLAR)
2	PHOSPHOR BRONZE	2	5	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	4	POLYESTER	CLEAR (COVER TAPE)
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
UNITS mm		SCALE 10 : 1	COUNT 1	DESCRIPTION OF REVISIONS DIS-H-008208	DESIGNED KR. AJITO
HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA	12.11.05	DRAWING NO. EDC3-347087-51	DATE 13.10.09
		CHECKED : WR. FUKUCHI	12.11.05	PART NO. BM20B(0.6)-10DP-0.4V(51)	
		DESIGNED : RT. SHIMIZU	12.11.05	CODE NO. CL684-9300-6-51	
		DRAWN : RT. SHIMIZU	12.11.05		

◆RECOMMENDED PCB LAYOUT

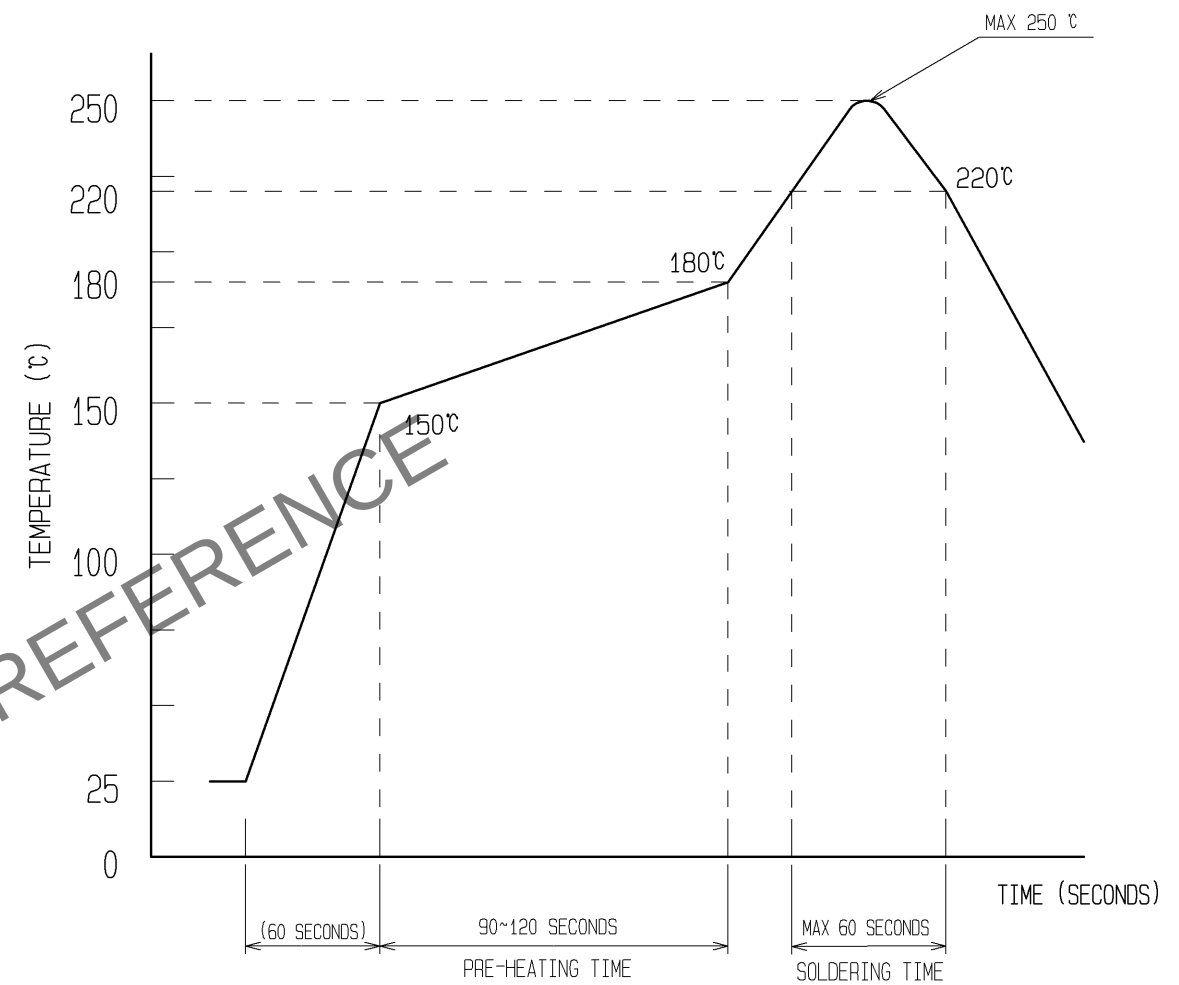


◆RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : $100 \mu\text{m}$



6> RECOMMENDED REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE.



REFLOW METHOD:IR REFLOW
NUMBER OF REFLOW CYCLES:2 CYCLES MAX.
1)REFLOW TIME
DURATION ABOVE 220 $^{\circ}\text{C}$. 60 SEC MAX.
(PEAK TEMPERATURE:250 $^{\circ}\text{C}$ MAX)
2)PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN):150 $^{\circ}\text{C}$
PRE-HEAT TEMPERATURE(MAX):180 $^{\circ}\text{C}$
PRE-HEAT TIME:90-120 SEC.

6> THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.
ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND
OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE,
A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED
PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS

DRAWING NO.	EDC3-347087-51
PART NO.	BM20B<0. 6>-10DP-0. 4V<51>
CODE NO.	CL684-9300-6-51

3/2

EMBOSED CARRIER TAPE PACKAGING (5:1)

STYLE AND DIMENTION OF REEL (FREE)

