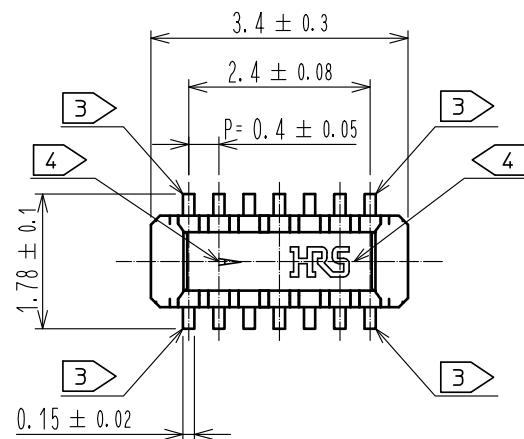
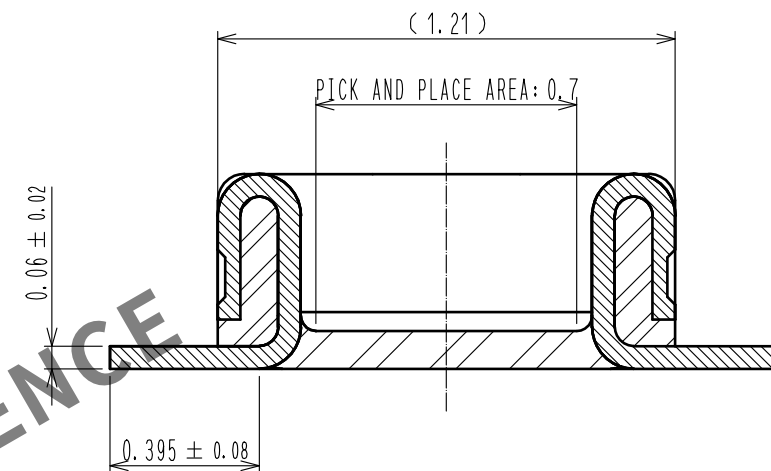
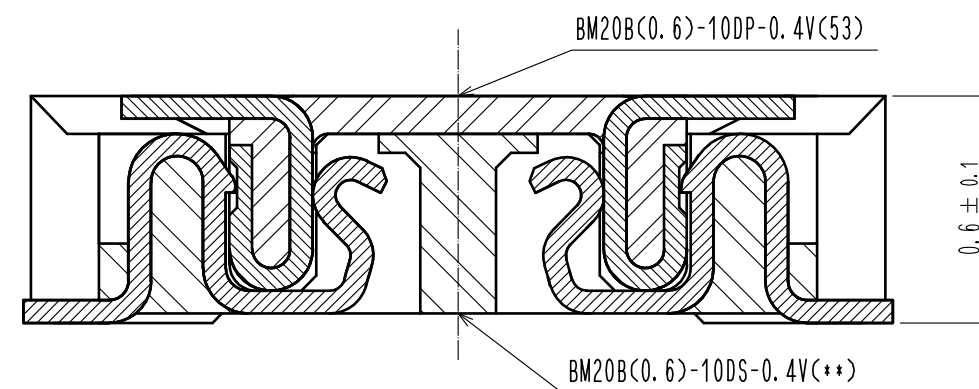


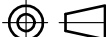
- NOTE 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
2. CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05 μ m MIN
SMT LEAD : GOLD 0.05 μ m MIN
UNDER PLATING : NICKEL 1 μ m MIN
(SURFACE : SEALING)
3. EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS.
4. HRS MARK AND CAV No. ARE INDICATED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

A-A (50:1)

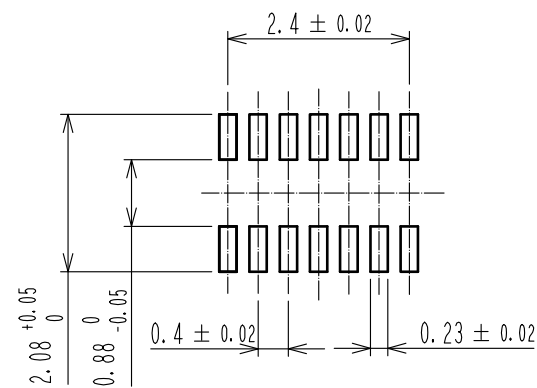


ENGAGEMENT FIGURE (50:1)



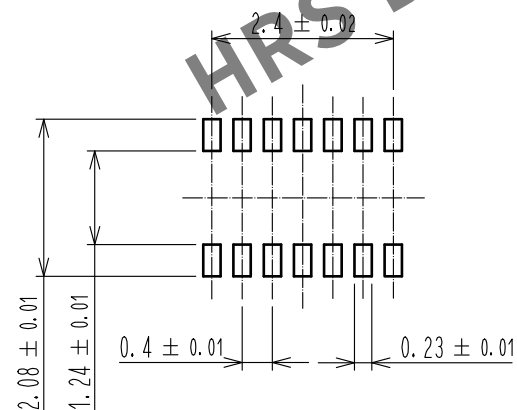
3	PS	CLEAR (EMBOSSED CARRIER TAPE)		6	PS	CLEAR (REINFORCEMENT COLLAR)			
2	PHOSPHOR BRONZE	2		5	PS	BLACK (PLASTIC REEL)			
1	LCP	UL94 V-0, BLACK		4	POLYESTER	CLEAR (COVER TAPE)			
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS			
UNITS mm		SCALE 10 : 1		COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED	MO. ISHIDA		16. 02. 22	DRAWING NO. EDC-347087-53-01			
		CHECKED	TS. MIYAZAKI		16. 02. 22	PART NO. BM20B(0.6)-10DP-0.4V(53)			
		DESIGNED	NY. YAMASHIRO		16. 02. 22	CODE NO. CL684-9300-6-53			
		DRAWN	KR. AJITO		16. 02. 22	 1/			

◆ RECOMMENDED PCB LAYOUT

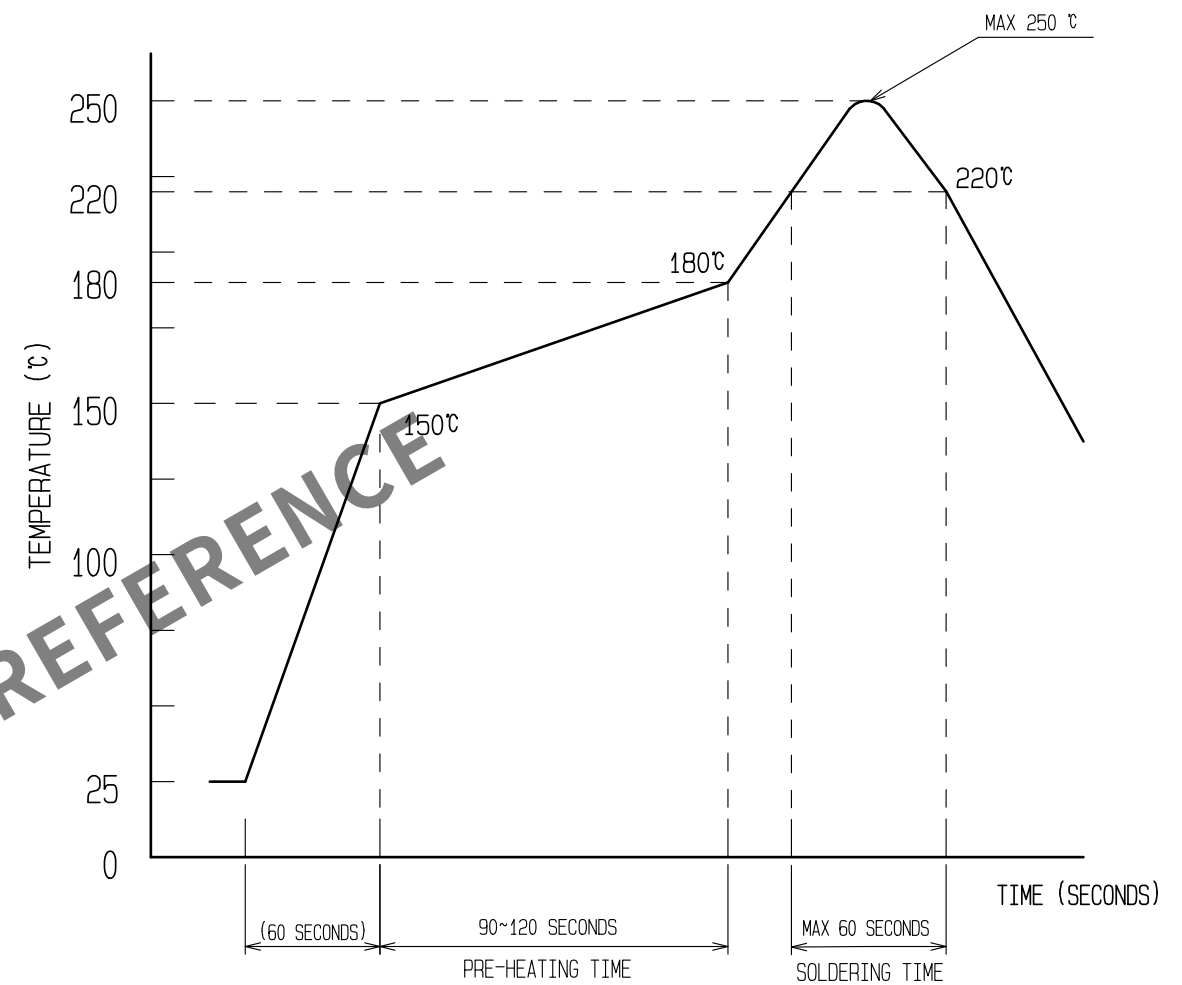


◆ RECOMMENDED METAL MASK DIMENSIONS

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.	EDC-347087-53-01
PART NO.	BM20B(0.6)-10DP-0.4V(53)
CODE NO.	CL684-9300-6-53

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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

EMBOSSED CARRIER TAPE PACKAGING (5:1)

STYLE AND DIMENTION OF REEL (FREE)

