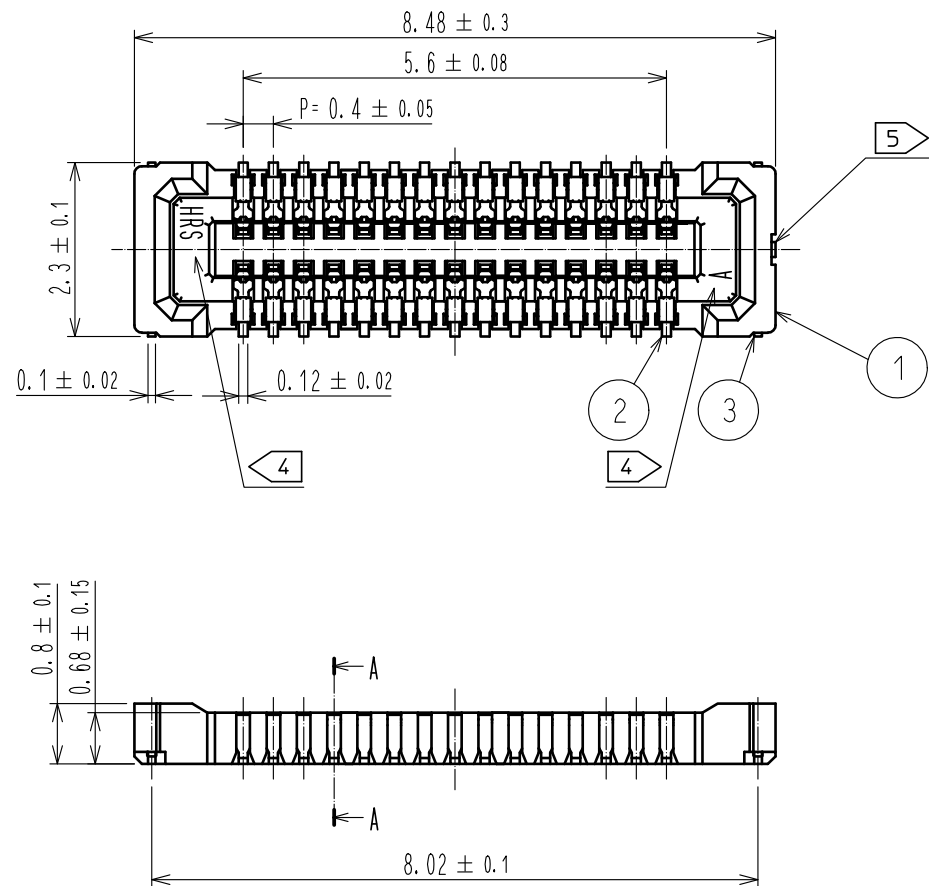
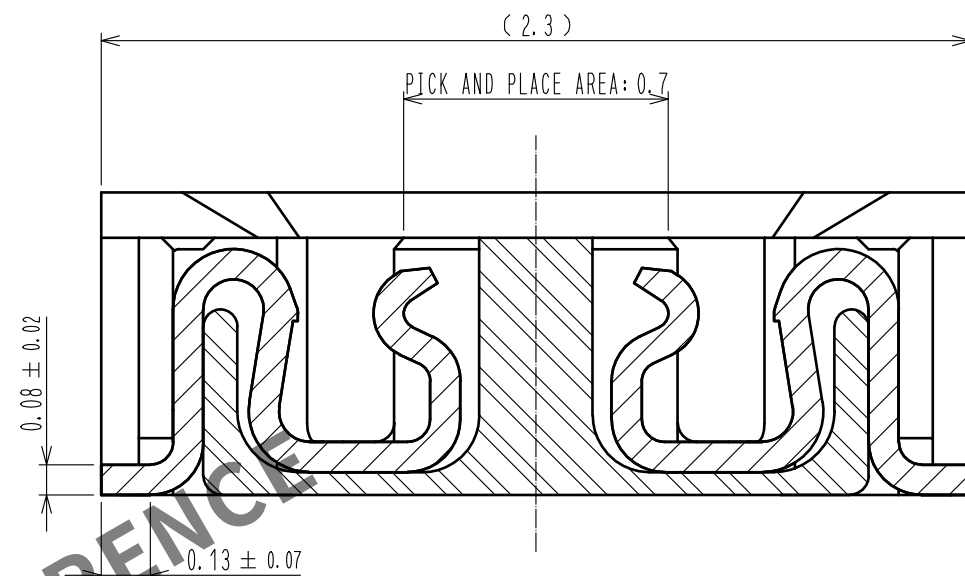


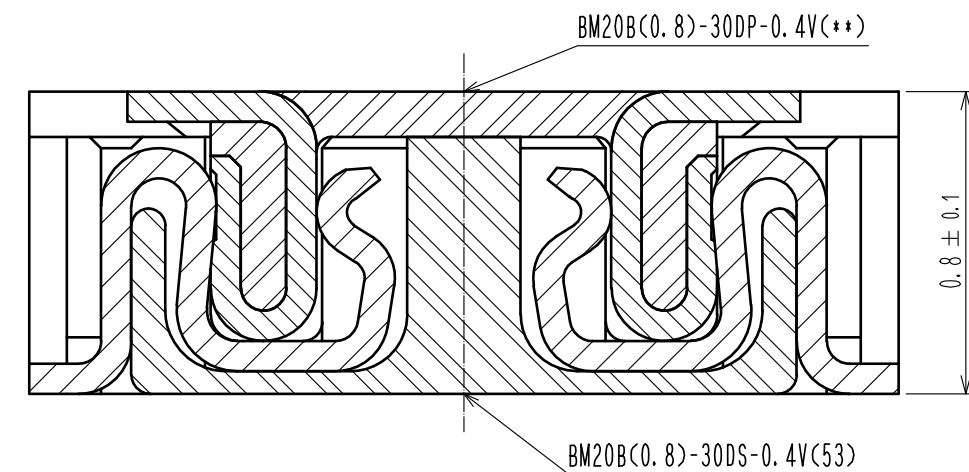


- NOTE
- 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
 - 2. CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD $0.05 \mu\text{m}$ MIN
SMT LEAD : GOLD $0.05 \mu\text{m}$ MIN
UNDERPLATING : NICKEL $1 \mu\text{m}$ MIN
(SURFACE : SEALING)
 - 3. METAL FITTING PLATING SPECIFICATIONS
SMT LEAD : GOLD $0.05 \mu\text{m}$ MIN
UNDERPLATING : NICKEL $1 \mu\text{m}$ MIN
(SURFACE : SEALING)
 - 4. HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.
 - 5. GATE POSITION IS INDICATED IN APPROX POSITION SHOWN.

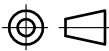
A-A(50:1)



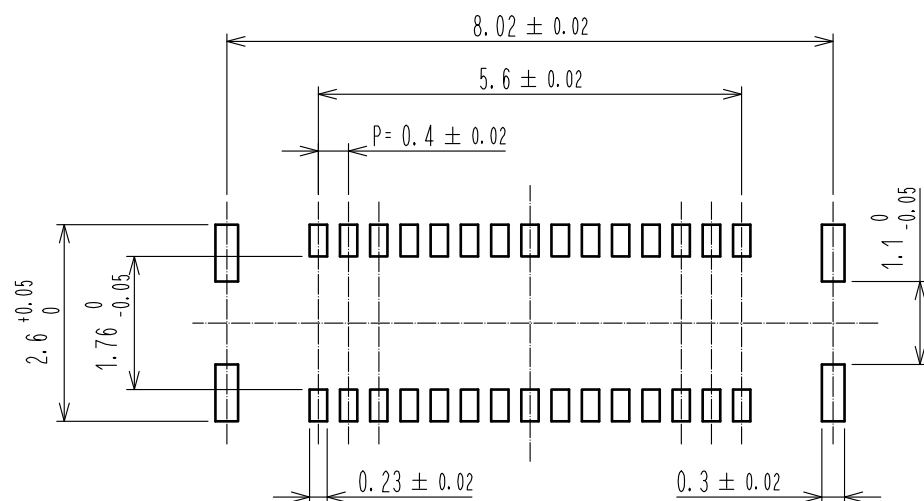
ENGAGEMENT FIGURE (50:1)



4	PS	CLEAR (EMBOSSED CARRIER TAPE)		7	PS	CLEAR (REINFORCEMENT COLLAR)	
3	BRASS	3		6	PS	BLACK (PLASTIC REEL)	
2	PHOSPHOR BRONZE	2		5	POLYESTER	CLEAR (COVER TAPE)	
1	LCP	UL94 V-0, BLACK					
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS	

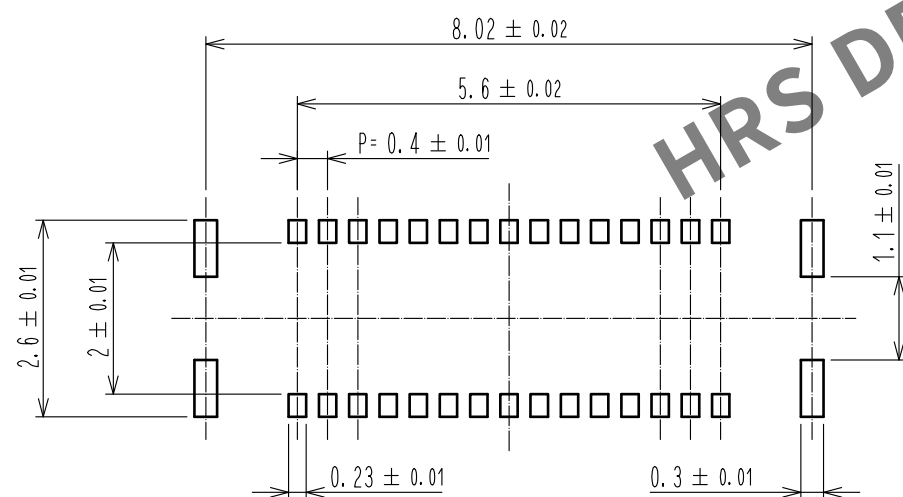
UNITS mm		SCALE 10 : 1		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED : WR. FUKUCHI		20200114	DRAWING NO.	EDC-332317-53-00		
		CHECKED : TS. MIYAZAKI		20200114	PART NO.	BM20B(0.8)-30DS-0.4V(53)		
		DESIGNED : KT. KUSAKA		20200114	CODE NO.	CL684-9011-9-53		
		DRAWN : MN. SATOH		20200109	 1/3			

◆RECOMMENDED PCB LAYOUT

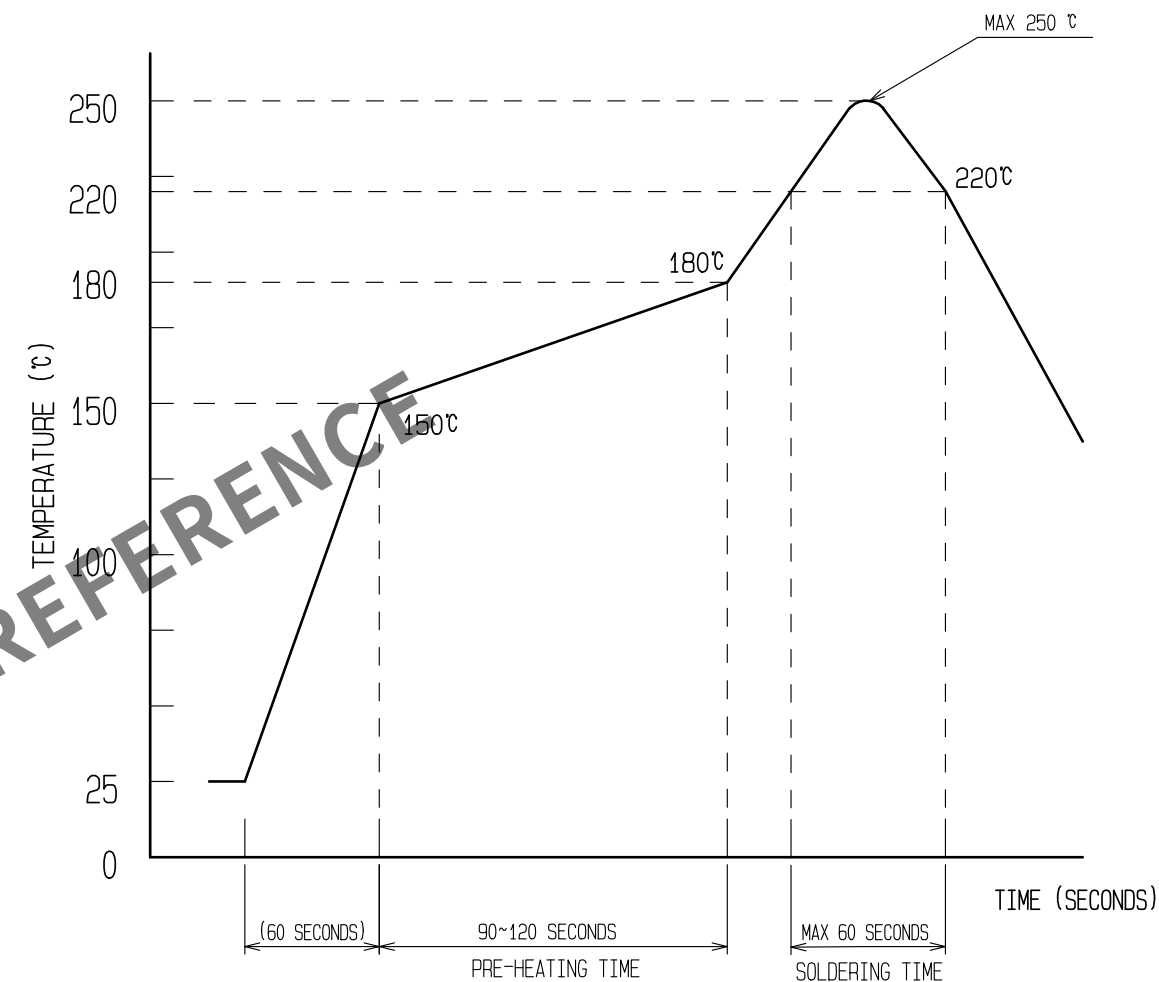


◆RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : 100 μm



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°C, 60 SEC MAX.
(PEAK TEMPERATURE : 250°C MAX)
 - 2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN): 150°C
PRE-HEAT TEMPERATURE(MAX): 180°C
PRE-HEAT TIME: 90-120 SEC.

6 THE 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-332317-53-00
PART NO.	BM20B(0.8)-30DS-0.4V(53)
CODE NO.	CL684-9011-9-53

2/3

