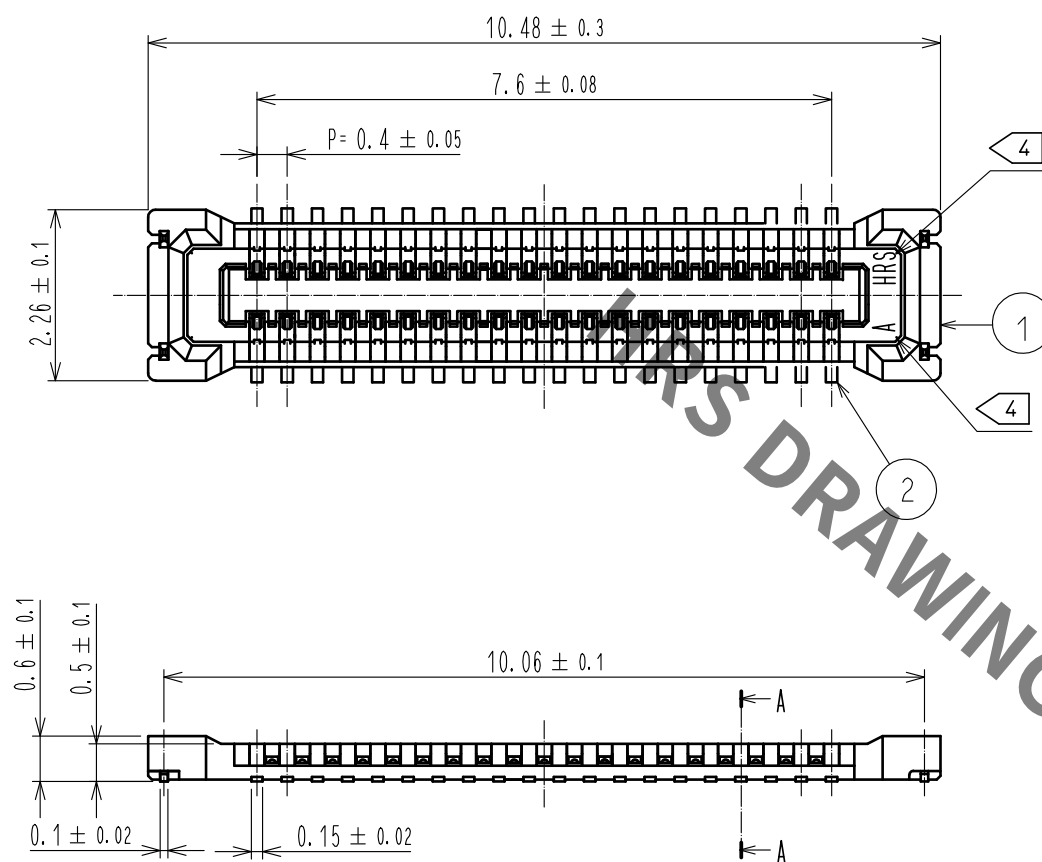
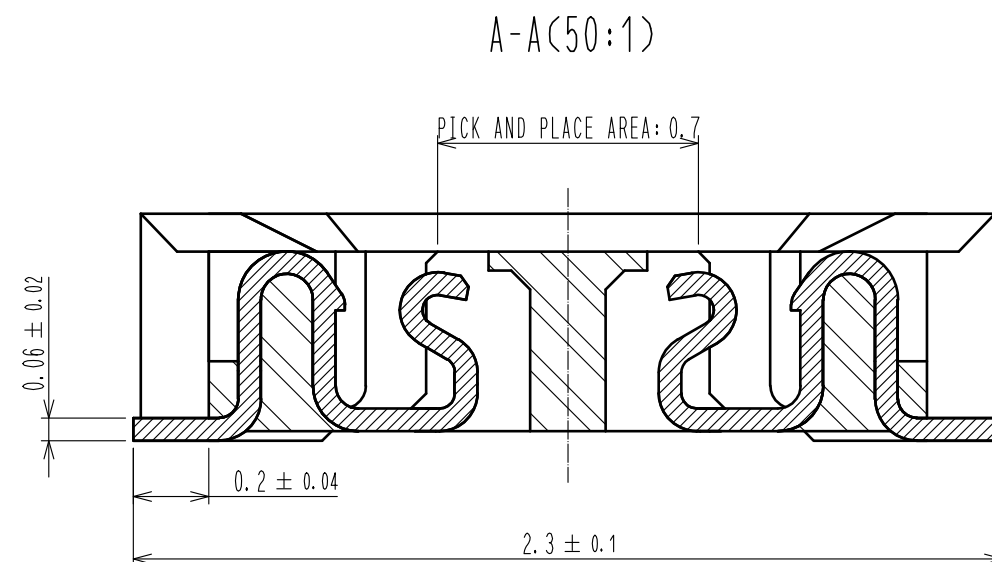
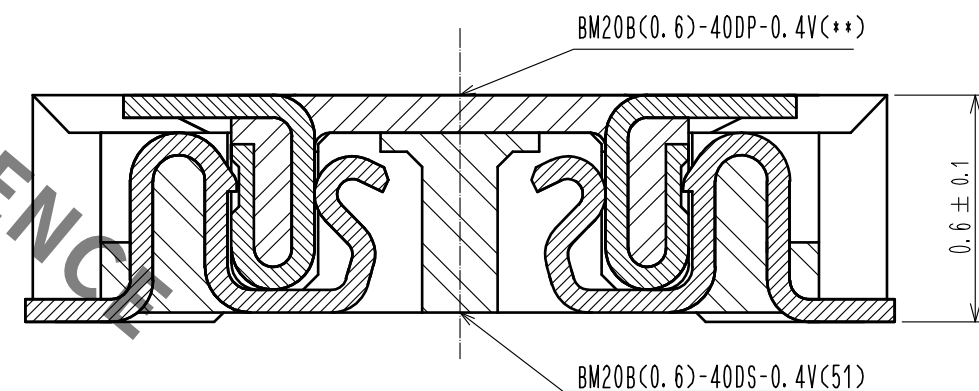




- NOTE 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
- 2 CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD $0.05 \mu\text{m}$ MIN
SMT LEAD : GOLD $0.05 \mu\text{m}$ MIN
UNDERPLATING : NICKEL $1 \mu\text{m}$ MIN
(SURFACE : SEALING)
- 3 METAL FITTING PLATING SPECIFICATIONS
SMT LEAD : GOLD $0.05 \mu\text{m}$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



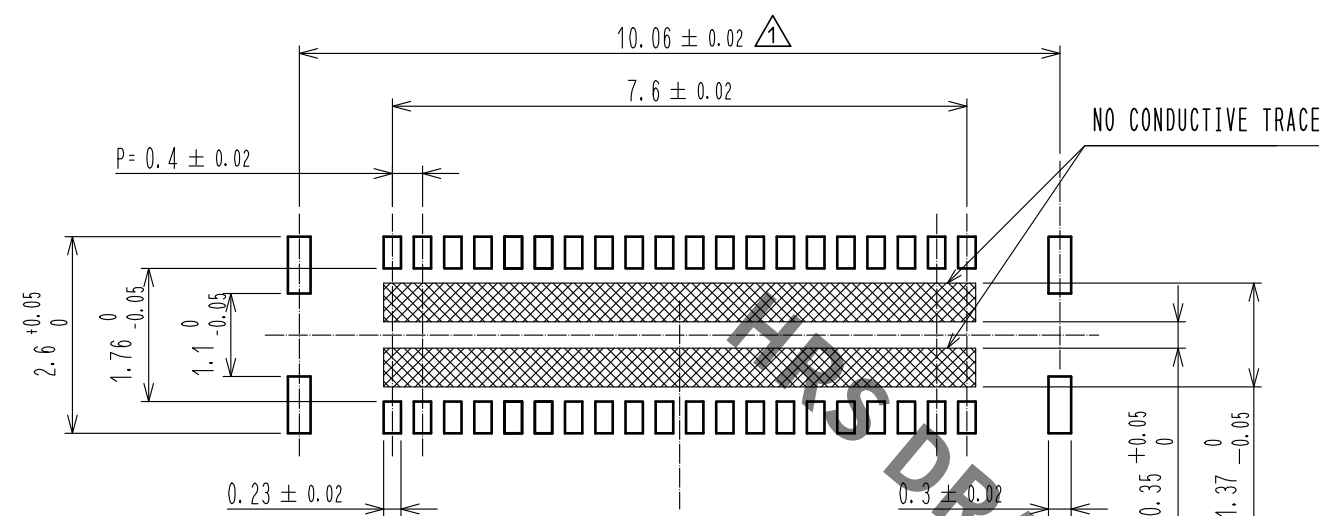
ENGAGEMENT FIGURE (50:1)



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

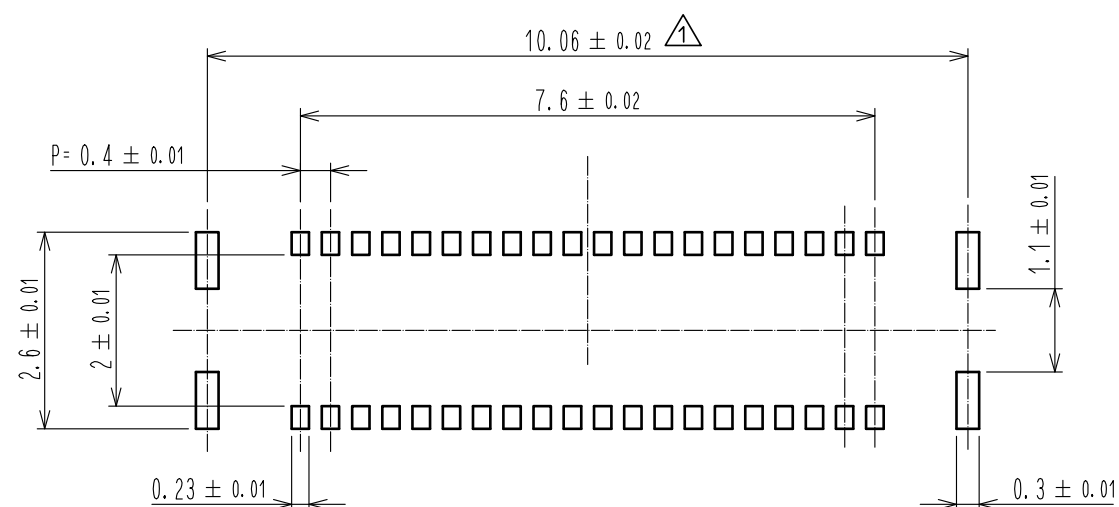
UNITS mm		SCALE 10 : 1		COUNT 3	DESCRIPTION OF REVISIONS DIS-H-00003231	DESIGNED RT. SHIMIZU	CHECKED TS. MIYAZAKI	DATE 17. 11. 02
HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA		13. 07. 11		DRAWING NO. EDC3-347100-01		
		CHECKED : WR. FUKUCHI		13. 07. 11		PART NO. BM20B(0.6)-40DS-0.4V(51)		
		DESIGNED : RT. SHIMIZU		13. 07. 10		CODE NO. CL684-9313-8-51		
		DRAWN : Hongwoo. Jo		13. 07. 09		1 3		

◆ RECOMMENDED PCB LAYOUT

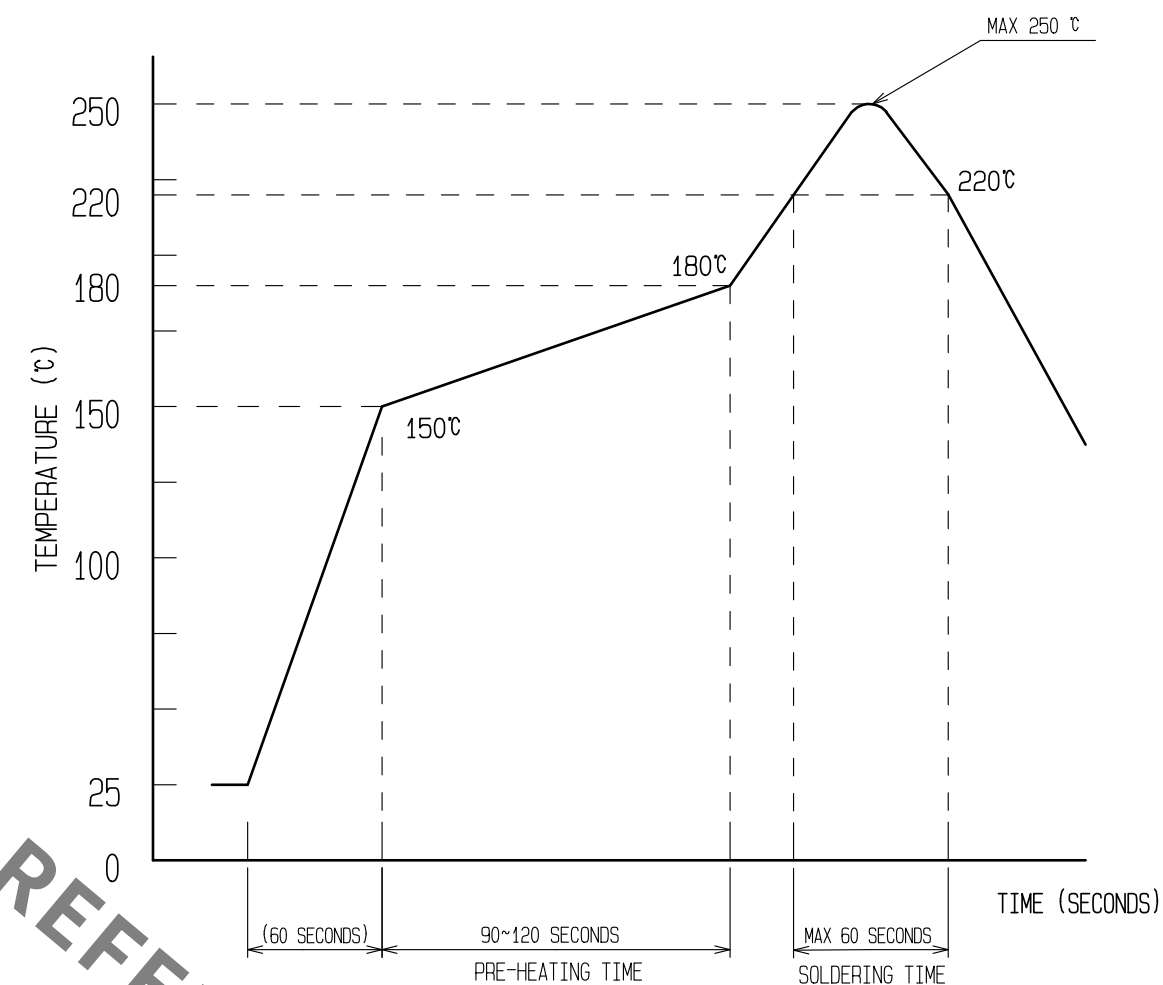


◆ RECOMMENDED METAL MASK DIMENSIONS

MATAL MASK THICKNESS : $100\mu m$

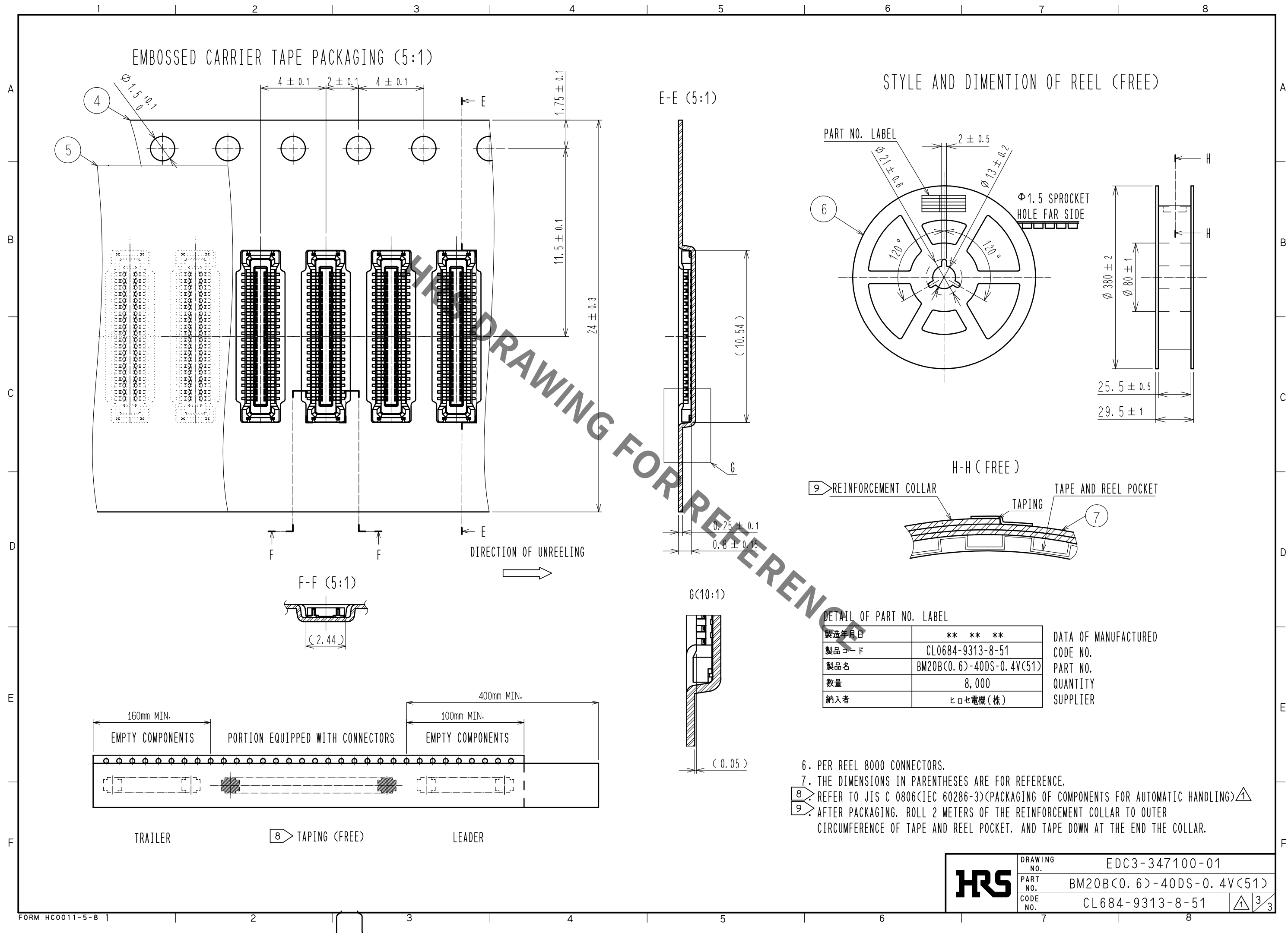


5 ► RECOMMENDED REFLOW TEMPERATURE PROFILE
USING LEAD-FREE SOLDER PASTE.



REFLOW METHOD : IR REFLOW
NUMBER OF REFLOW CYCLES : 2 CYCLES MAX.
1) REFLOW TIME
DURATION ABOVE 220℃, 60 SEC MAX.
(PEAK TEMPERATURE : 250℃ MAX)
2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN): 150℃
PRE-HEAT TEMPERATURE(MAX): 180℃
PRE-HEAT TIME: 90-120 SEC.

5 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.



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