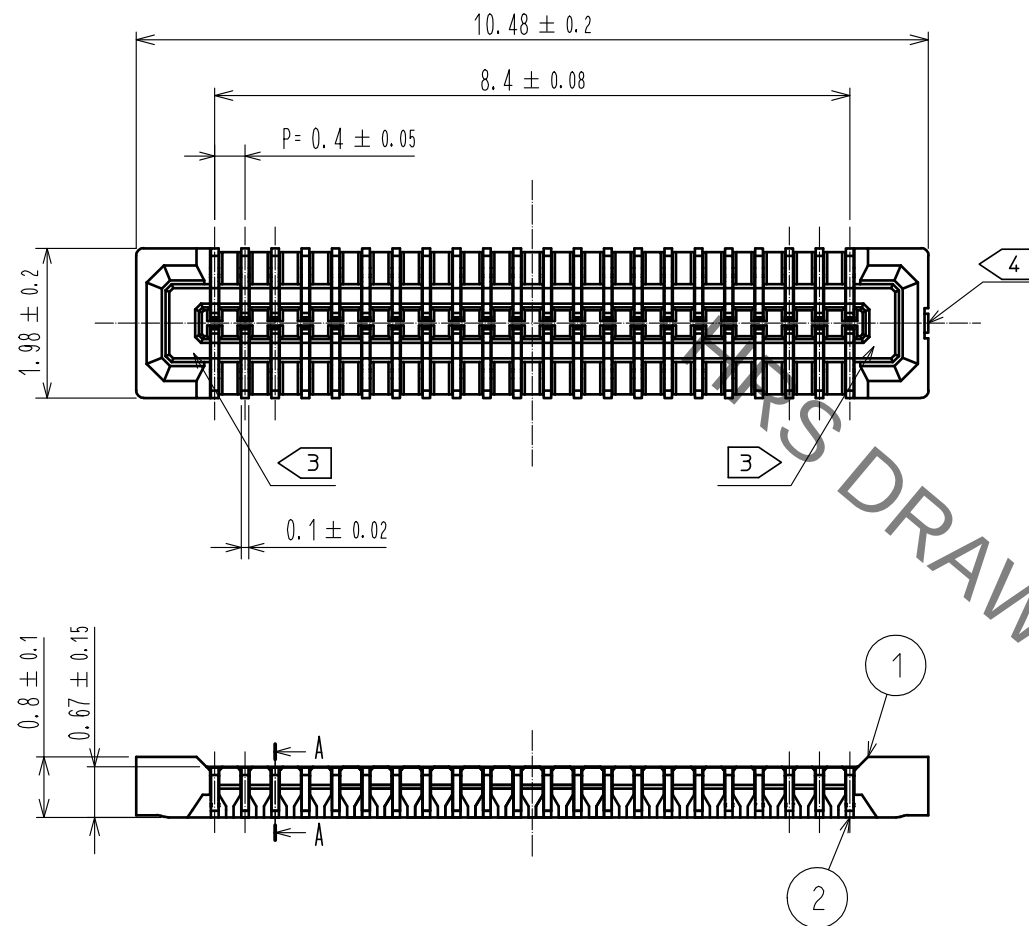




NOTE) 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX

2 . CONTACT PLATING SPECIFICATIONS.

CONTACT AREA : GOLD $0.05 \mu\text{m}$ MIN

SMT LEAD : GOLD $0.05 \mu\text{m}$ MIN

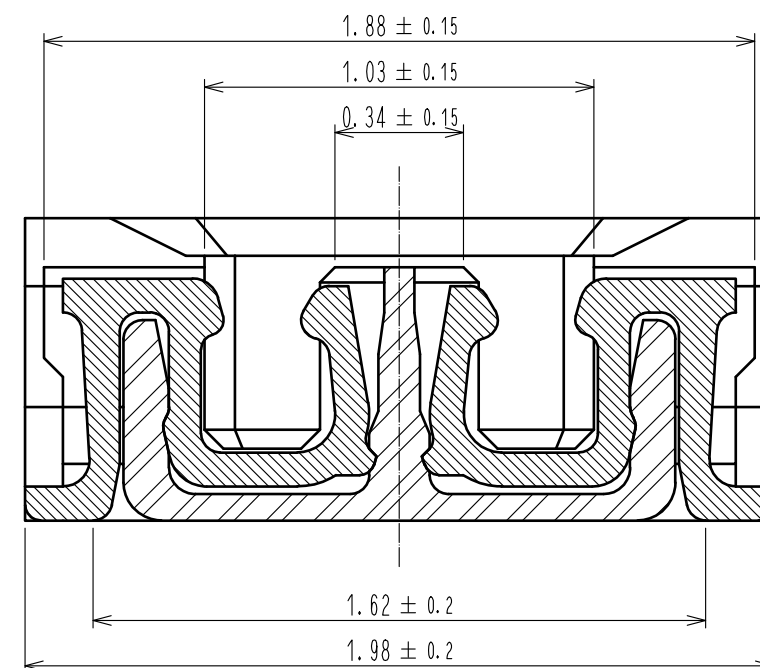
UNDERPLATING : NICKEL $1 \mu\text{m}$ MIN

(SURFACE : SEALING)

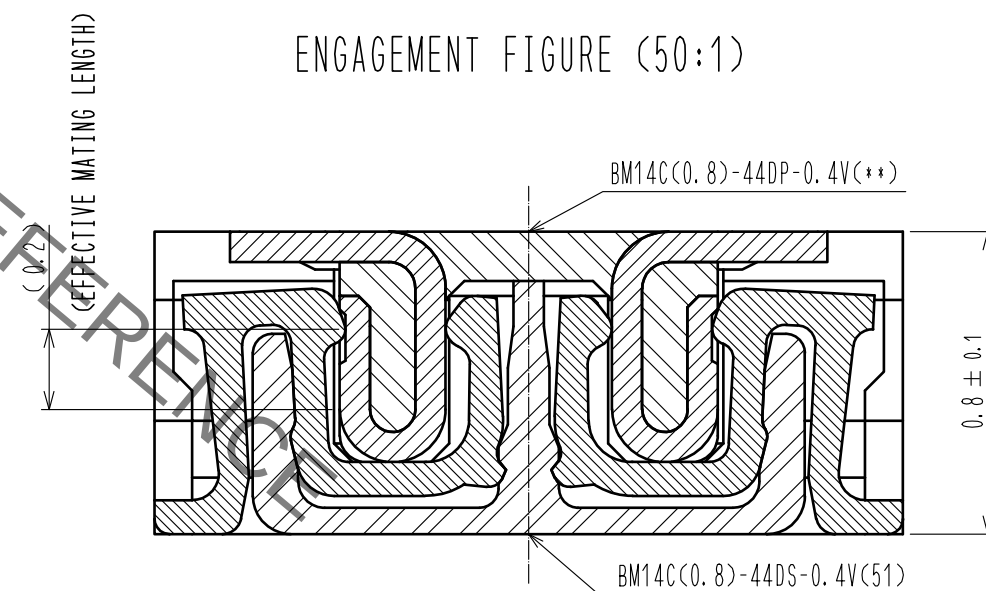
3 . HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.

4 . GATE POSITION IS INDICATED IN APPROX POSITION SHOWN.

A-A (50:1)

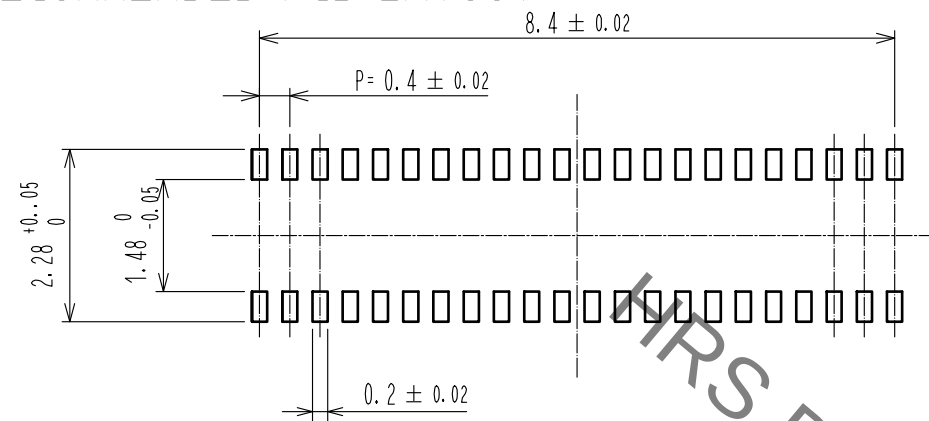


ENGAGEMENT FIGURE (50:1)



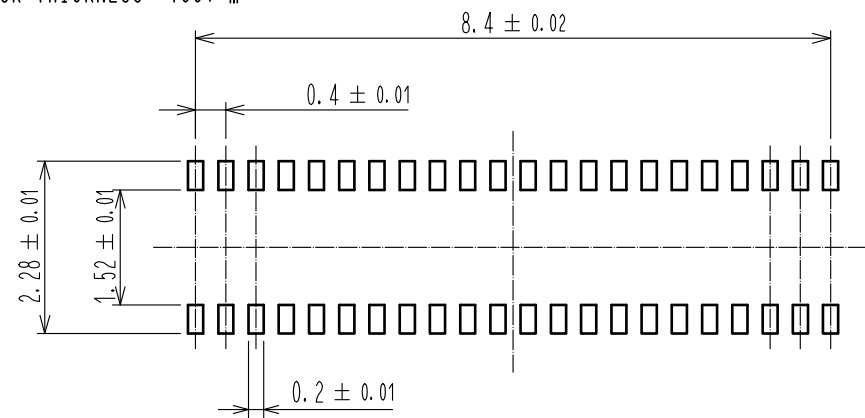
3	PS	CLEAR (ENBOSSED CARRIER TAPE)	6	PS	CLEAR (REINFORCEMENT COLLAR)
2	PHOSPHOR BRONZE	2	5	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	4	POLYESTER	CLEAR (COVER TAPE)
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
UNITS mm		SCALE 10 : 1	COUNT 	DESCRIPTION OF REVISIONS	DESIGNED
HIROSE ELECTRIC CO., LTD.		APPROVED : MO. ISHIDA	16. 04. 28	DRAWING NO.	EDC-324411-51-00
		CHECKED : MO. ISHIDA	16. 04. 28	PART NO.	BM14C(0.8)-44DS-0.4V(51)
		DESIGNED : NY. YAMASHIRO	16. 04. 28	CODE NO.	CL684-8022-0-51
		DRAWN : SN. NUMAZAKI	16. 04. 28		
					1/3

◆ RECOMMENDED PCB LAYOUT

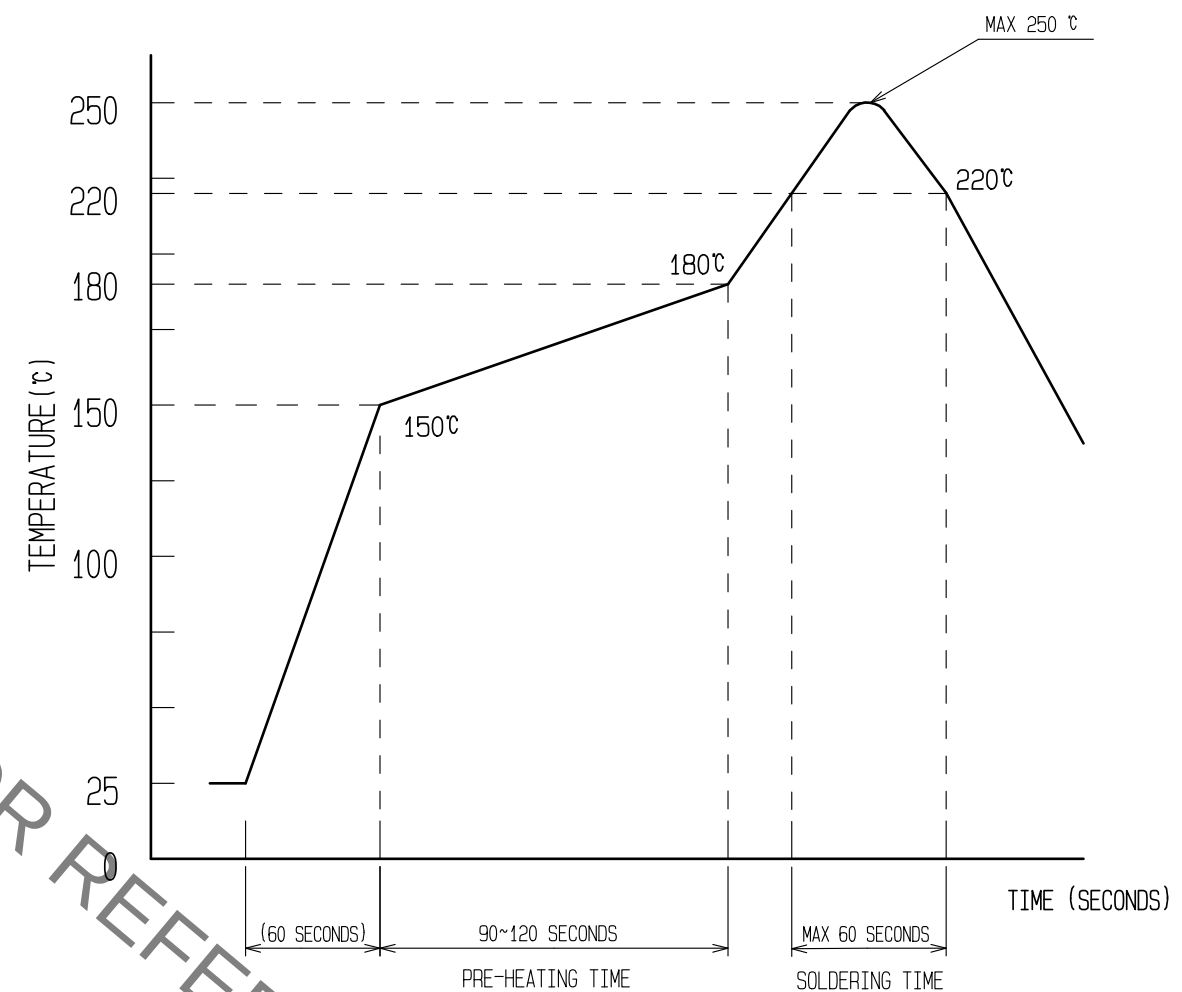


◆ RECOMMENDED METAL MASK DIMENSIONS

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°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.

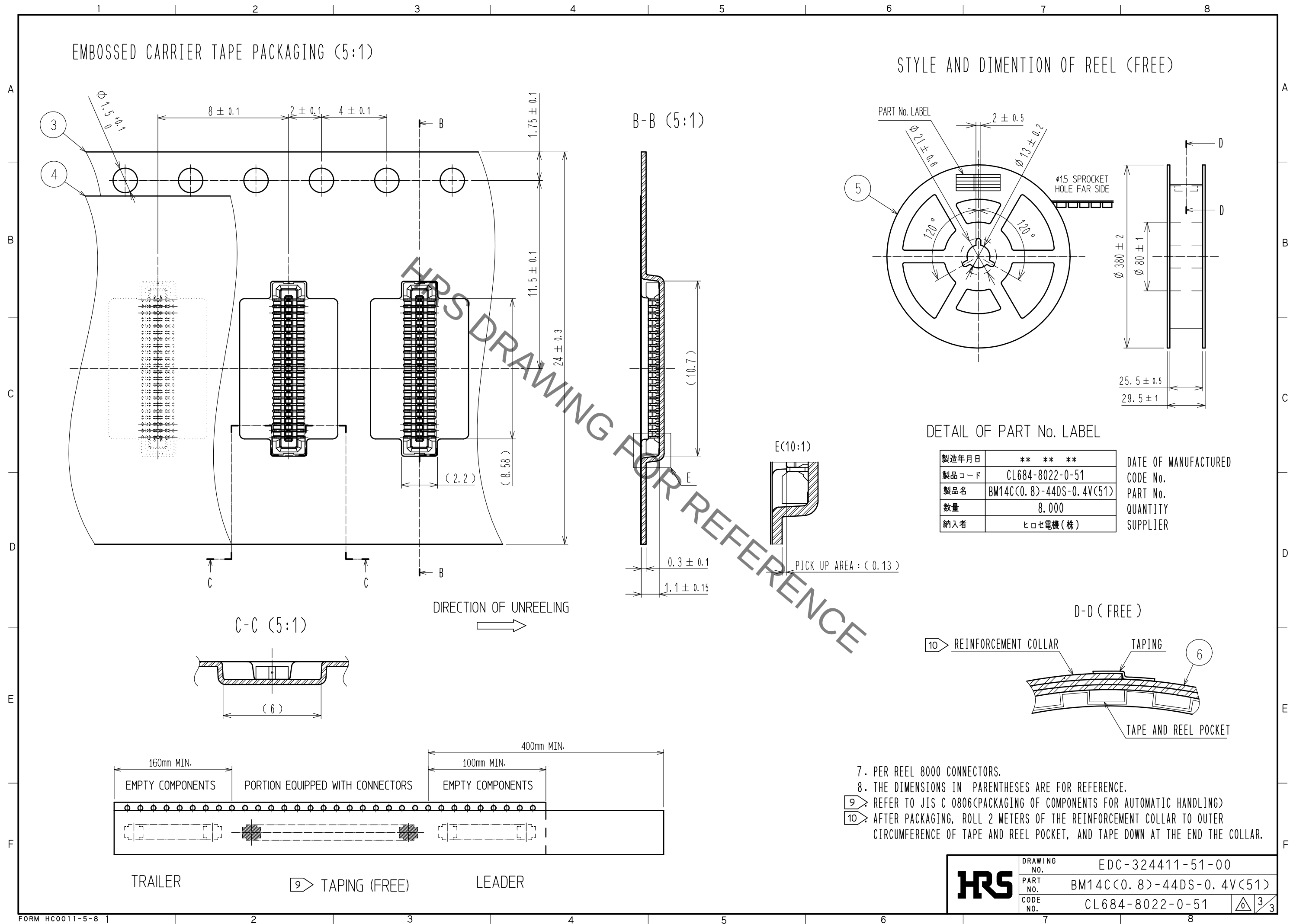
6 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.
ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND
OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE,
A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED
PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS

DRAWING NO.	EDC-324411-51-00
PART NO.	BM14C(0.8)-44DS-0.4V(51)
CODE NO.	CL684-8022-0-51

2/3

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