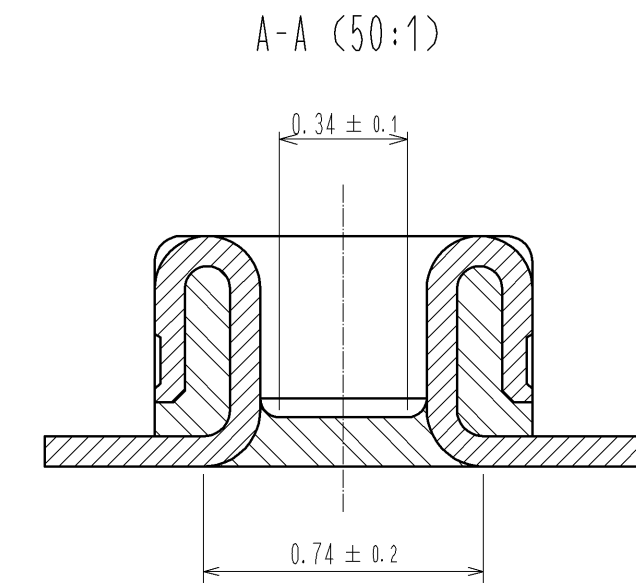
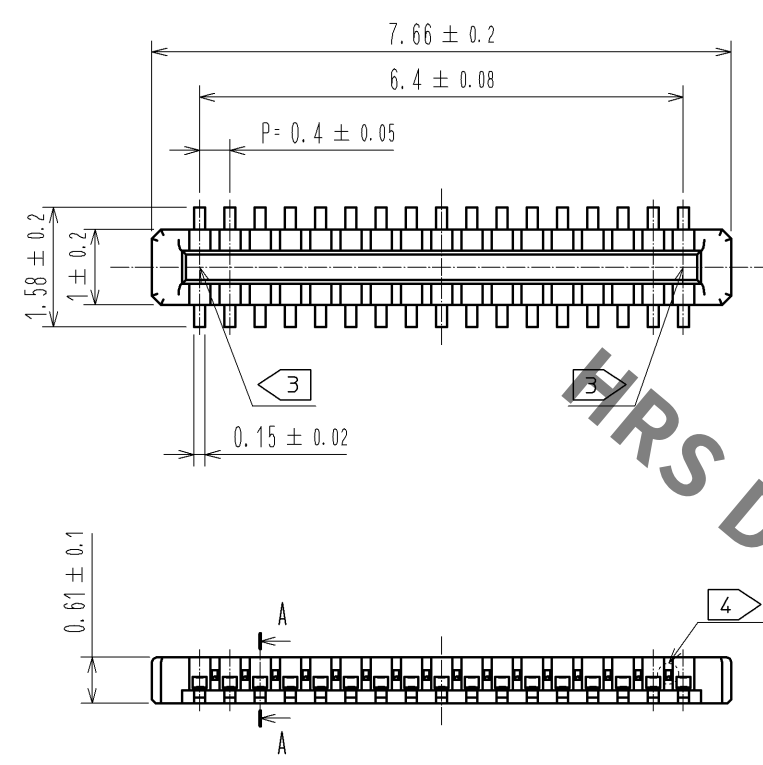
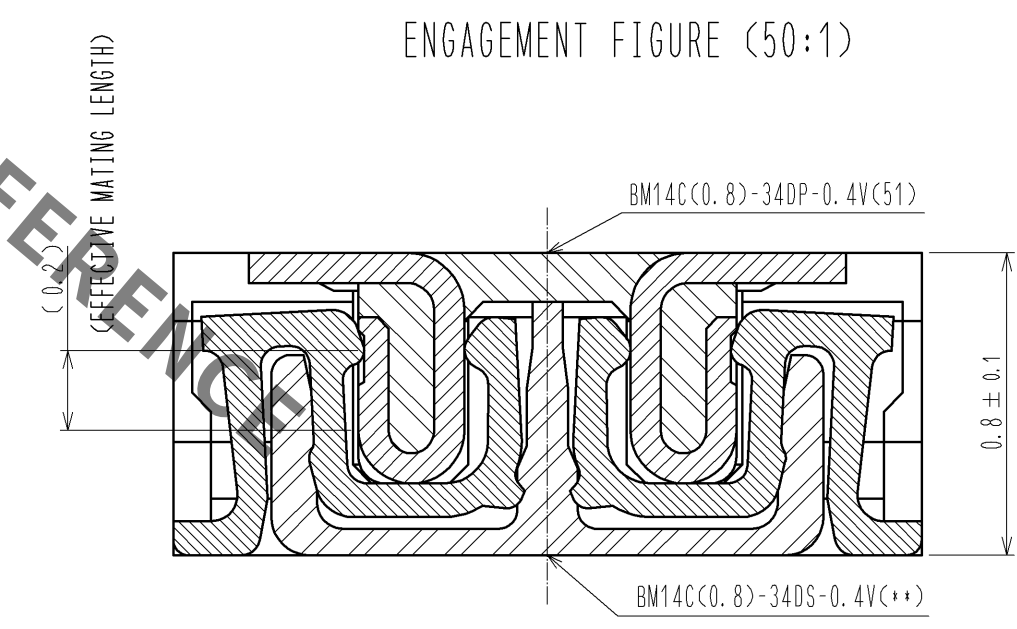


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In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

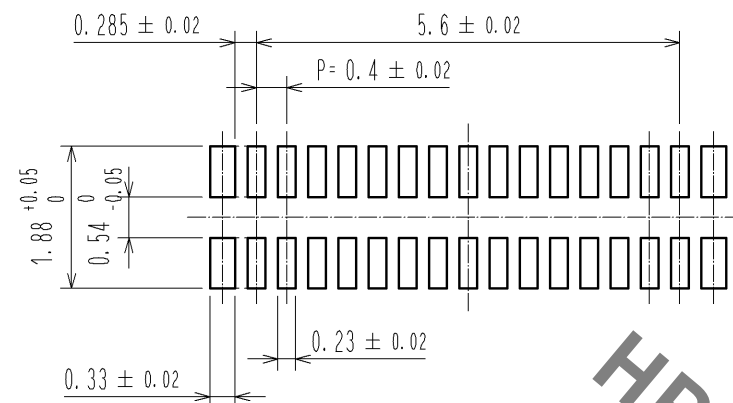


NOTE) 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
2 . CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05 μ m MIN
SMT LEAD : GOLD 0.05 μ m MIN
UNDERPLATING : NICKEL 1 μ m MIN
(SURFACE : SEALING)
3 . HRS MARK AND CAV No. ARE INDICATED IN APPROX POSITION SHOWN.
4 . A PART OF THE WALL COULD BE NOTCHED.



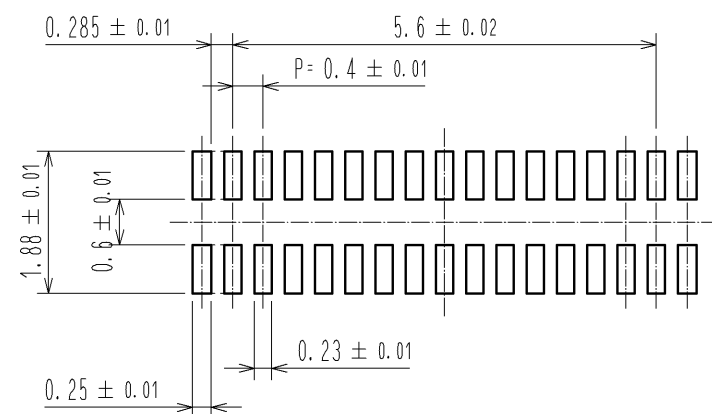
3	PS	CLEAR (ENBOSSED CARRIER TAPE)	6	PS	CLEAR (REINFORCEMENT COLLAR)
2	PHOSPHOR BRONZE	2	5	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	4	POLYESTER	CLEAR (COVER TAPE)
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
UNITS mm		SCALE 10 : 1	COUNT 1	DESCRIPTION OF REVISIONS	DESIGNED
HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA	11. 04. 20	DRAWING NO.	EDC3-324418-01
		CHECKED : AR. TAKAHASHI	11. 04. 20	PART NO.	BM14C(0.8)-34DP-0.4V(51)
		DESIGNED : SH. HOSODA	11. 04. 20	CODE NO.	CL684-8028-6-51
		DRAWN : YN. SAKAMOTO	11. 04. 20		
					1/3

◆ RECOMMENDED PCB LAYOUT

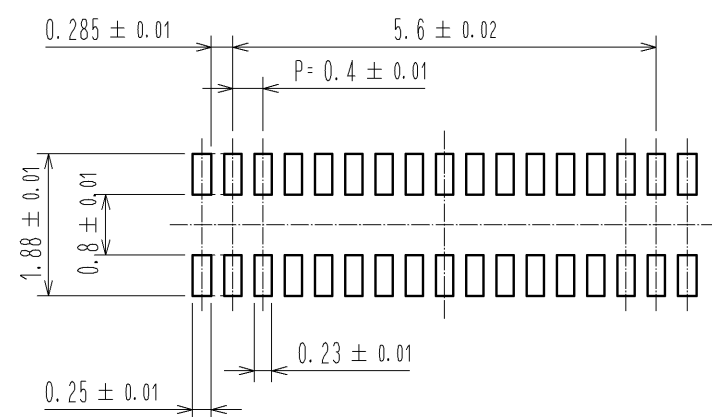


◆ RECOMMENDED METAL MASK DIMENSIONS

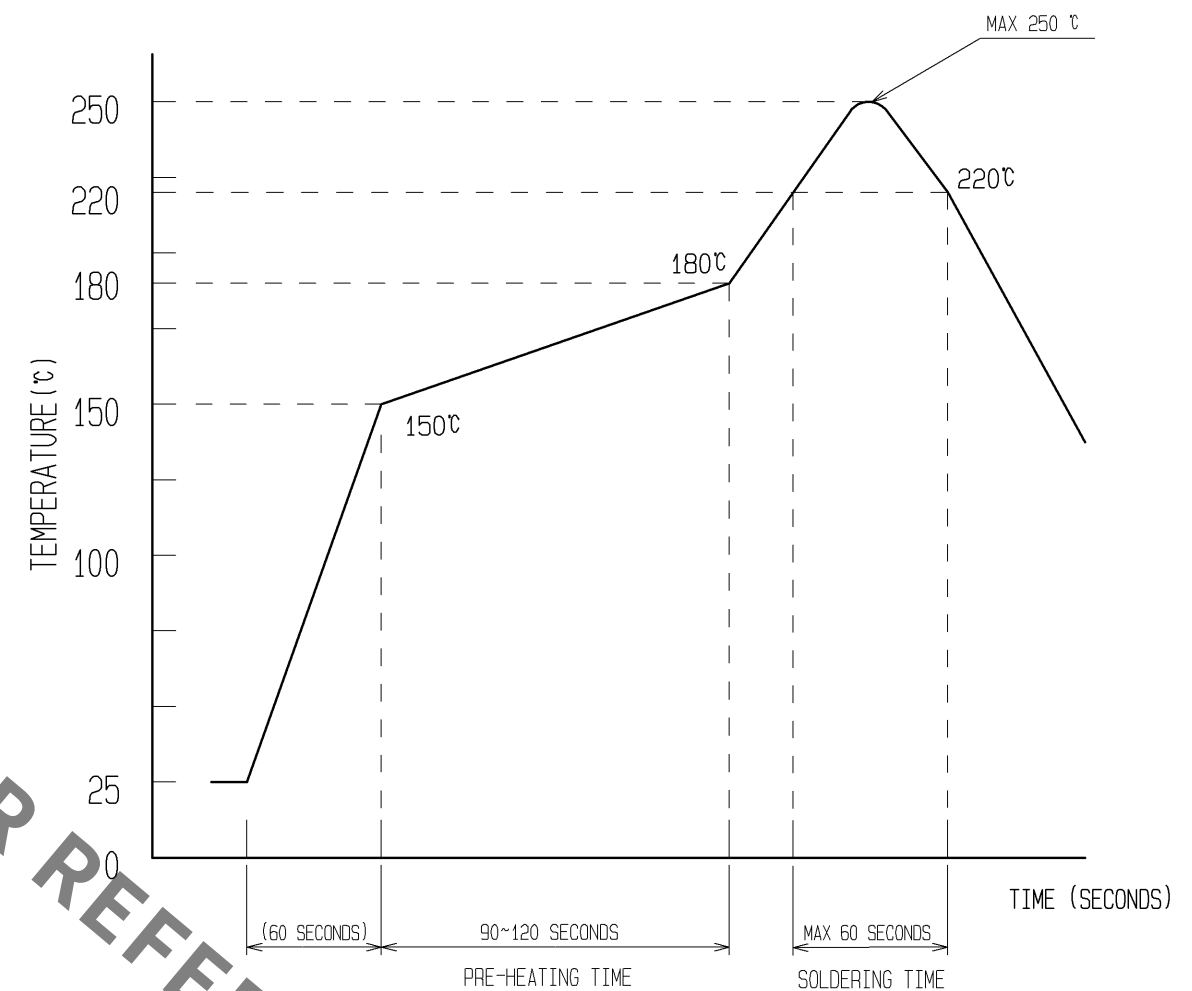
METAL MASK THICKNESS : $100 \mu\text{m}$



METAL MASK THICKNESS : $120 \mu\text{m}$



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



REFLOW METHOD: IR REFLOW
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.

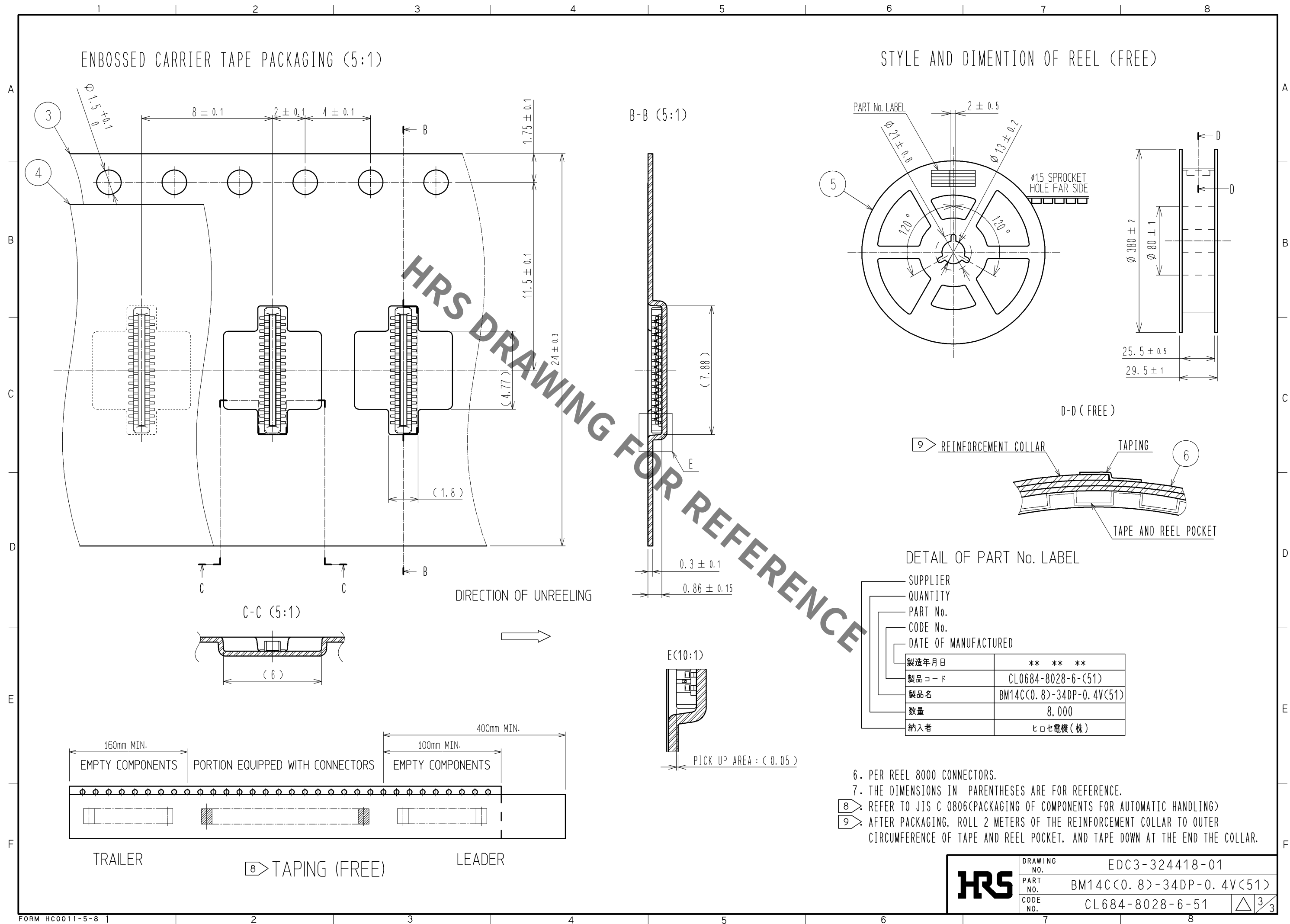
- 1) REFLOW TIME
DURATION ABOVE 220 $^{\circ}\text{C}$, 60 SEC. MAX.
(PEAK TEMPERATURE: 250 $^{\circ}\text{C}$ MAX)
- 2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN): 150 $^{\circ}\text{C}$
PRE-HEAT TEMPERATURE(MAX): 180 $^{\circ}\text{C}$
PRE-HEAT TIME: 90-120 sec.

5 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.	EDC3-324418-01
PART NO.	BM14C(0.8)-34DP-0.4V(51)
CODE NO.	CL684-8028-6-51

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