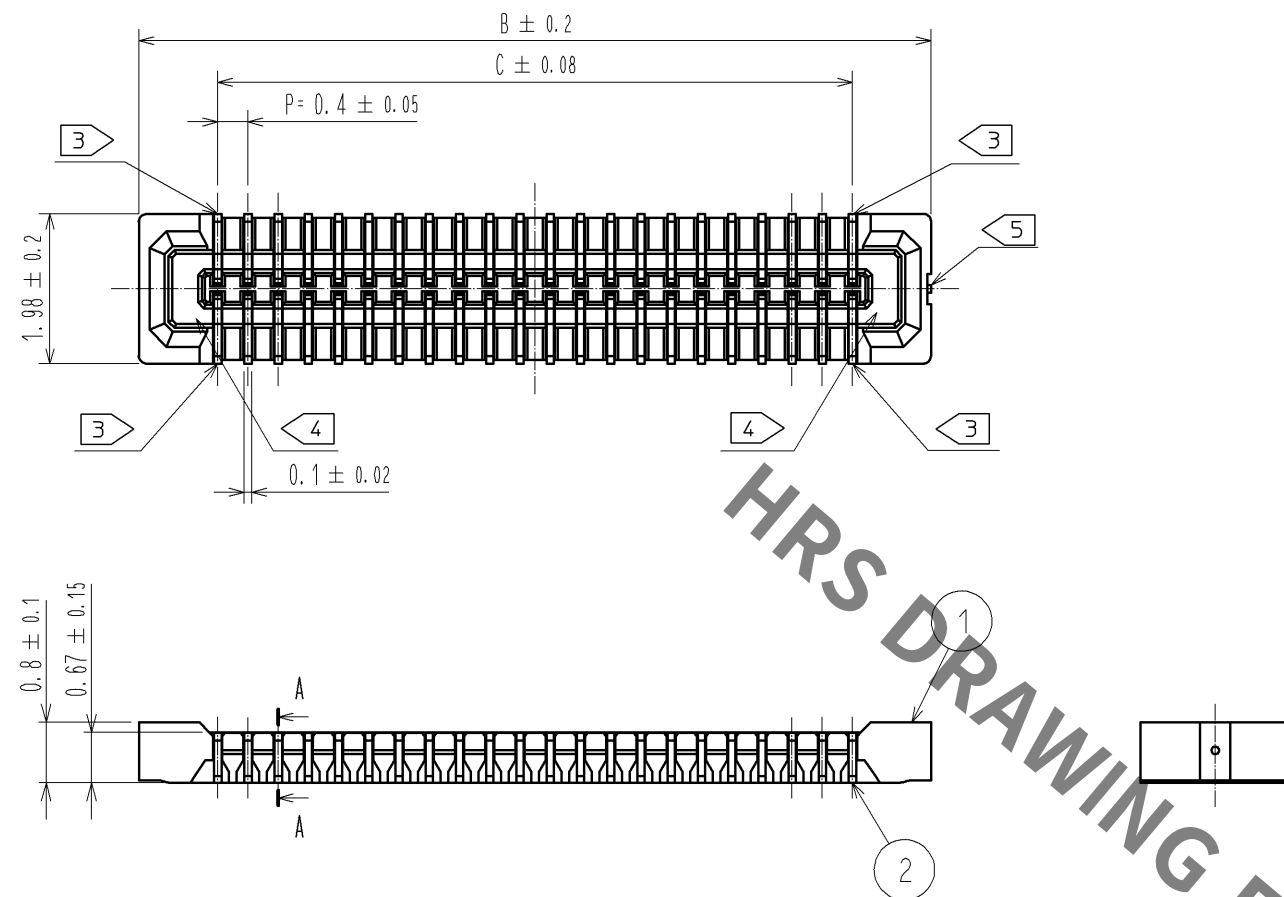
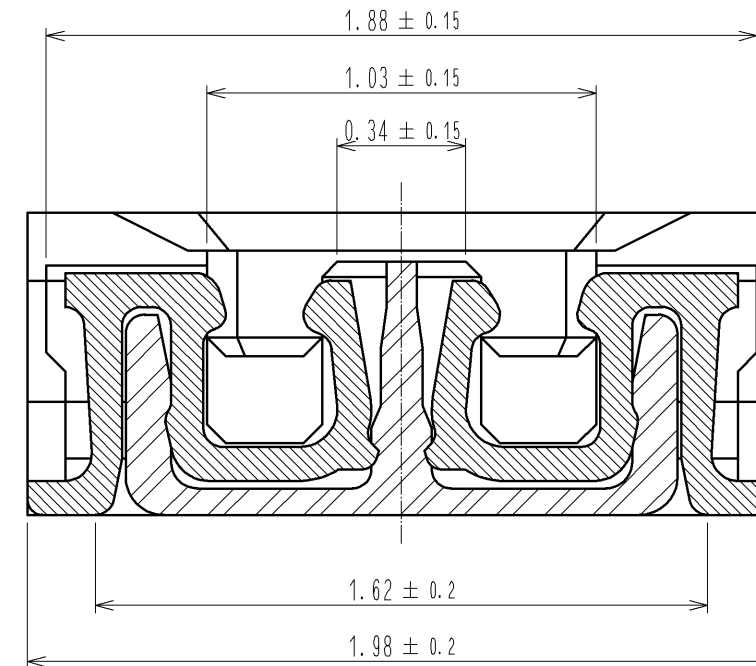




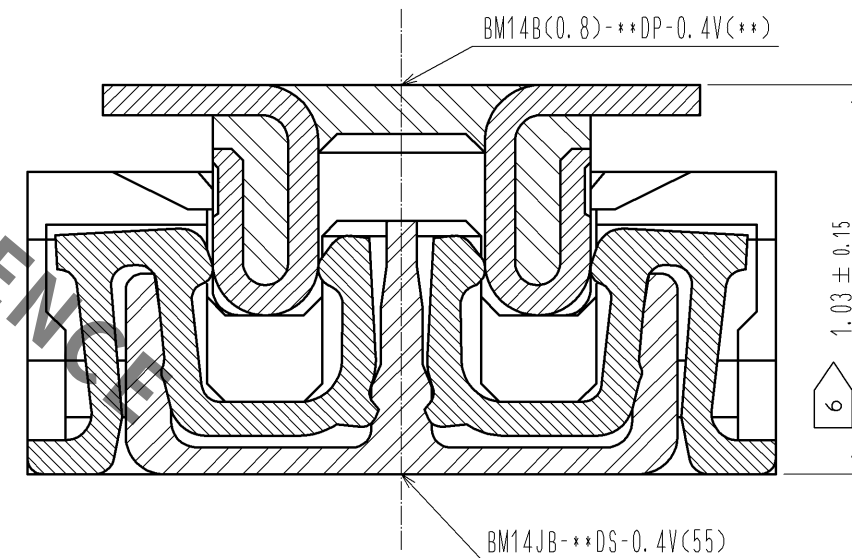
- NOTE) 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
2. CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD $0.05 \mu\text{m}$ MIN
SMT LEAD : GOLD $0.05 \mu\text{m}$ MIN
UNDERPLATING : NICKEL $1 \mu\text{m}$ MIN
(SURFACE : SEALING)
3. EACH CONTACTS AT 4 CORNERS ARE PROVIDED FOR METAL FITTINGS AND GROUNDING PURPOSE.
4. HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.
5. GATE POSITION IS INDICATED IN APPROX POSITION SHOWN.
6. THE DIMENSIONS INDICATED IN THE FIGURE IS REFERENCE.
AN ELECTRIC PERFORMANCE IS GUARANTEED BY BEING MAINTAINED AS SHOWN IN THE FIGURE.

PART No.	CODE No.	B	C
BM14JB-10DS-0.4V(55)	CL684-8225-7-55	4.48	2.4
BM14JB-12DS-0.4V(55)	-	4.88	2.8
BM14JB-20DS-0.4V(55)	CL684-8226-0-55	6.48	4.4
BM14JB-22DS-0.4V(55)	-	6.88	4.8
BM14JB-24DS-0.4V(55)	CL684-8227-2-55	7.28	5.2
BM14JB-30DS-0.4V(55)	CL684-8228-5-55	8.48	6.4
BM14JB-34DS-0.4V(55)	-	9.28	7.2
BM14JB-40DS-0.4V(55)	CL684-8230-7-55	10.48	8.4
BM14JB-50DS-0.4V(55)	-	12.48	10.4
BM14JB-60DS-0.4V(55)	CL684-8232-2-55	14.48	12.4

A-A (50:1)

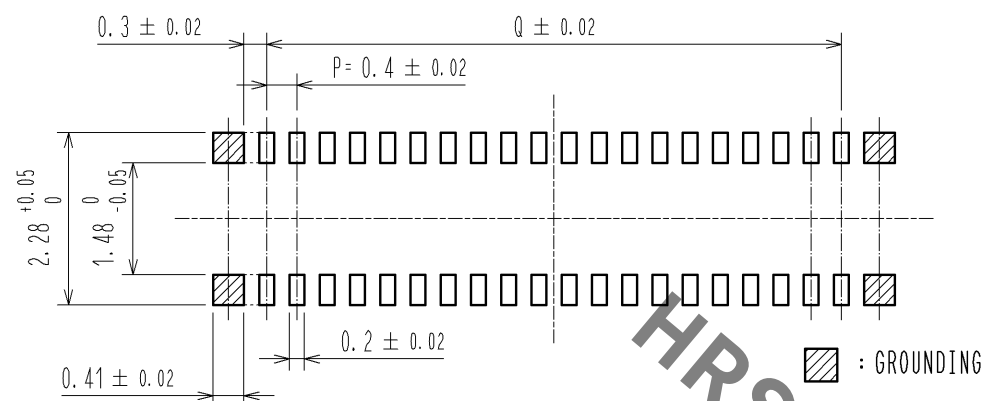


ENGAGEMENT FIGURE (50:1)



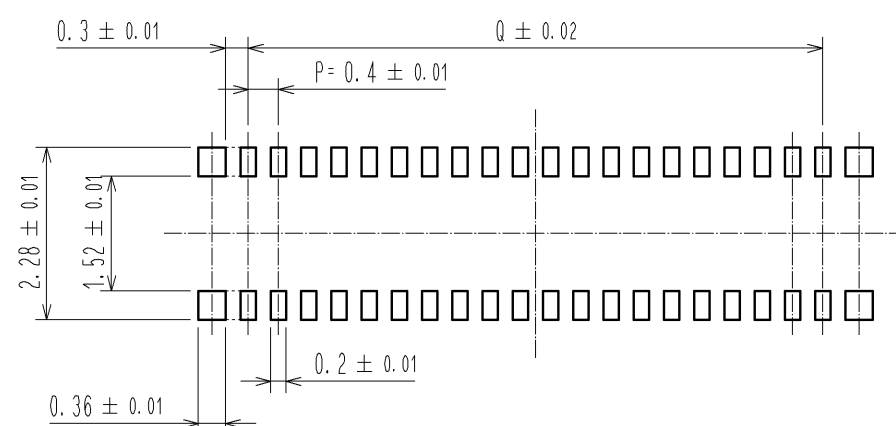
3	PS	CLEAR (ENBOSSED CARRIER TAPE)	6	PS	CLEAR (REINFORCEMENT COLLAR)
2	PHOSPHOR BRONZE	2	5	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	4	POLYESTER	CLEAR (COVER TAPE)
NO.	MATERIAL	FINISH, REMARKS	NO.	MATERIAL	FINISH, REMARKS
UNITS mm		SCALE 10:1	COUNT 1	DESCRIPTION OF REVISIONS	DESIGNED
HRS HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA	12.11.05	DRAWING NO. EDC3-329982-01	
		CHECKED : YH. MICHIDA	12.11.05	PART NO. BM14JB-*DS-0.4V(55)	
		DESIGNED : SH. HOSODA	12.11.05	CODE NO. CL684	
		DRAWN : SH. HOSODA	12.11.05	1/3	
		CHECKED		DATE	

◆ RECOMMENDED PCB LAYOUT



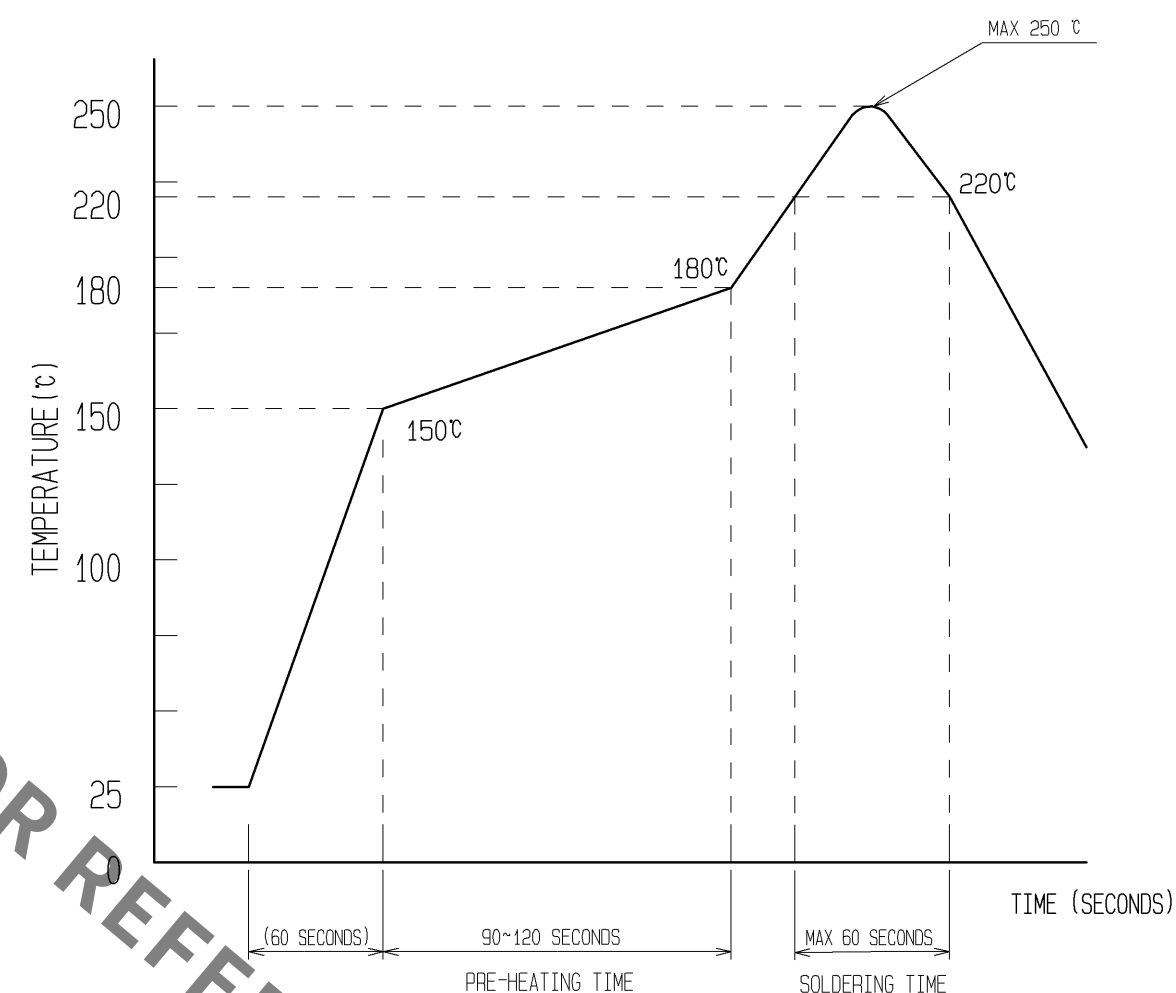
◆ RECOMMENDED METAL MASK DIMENSIONS

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



PART No.	Q
BM14JB-10DS-0.4V(55)	1.6
BM14JB-12DS-0.4V(55)	2.0
BM14JB-20DS-0.4V(55)	3.6
BM14UB-22DS-0.4V(55)	4.0
BM14UB-24DS-0.4V(55)	4.4
BM14JB-30DS-0.4V(55)	5.6
BM14JB-34DS-0.4V(55)	6.4
BM14JB-40DS-0.4V(55)	7.6
BM14JB-50DS-0.4V(55)	9.6
BM14JB-60DS-0.4V(55)	11.6

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



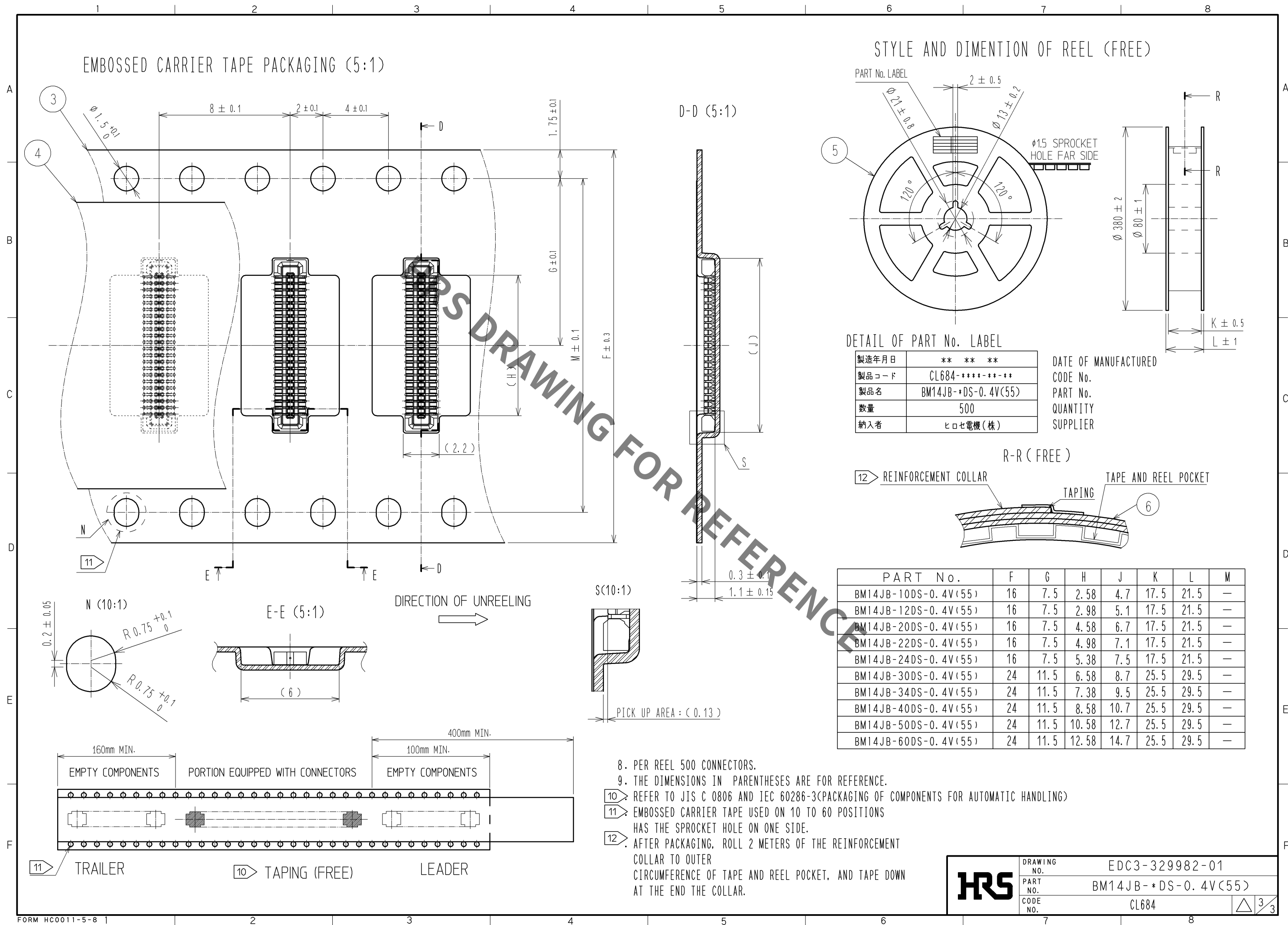
REFLOW METHOD: IR REFLOW
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.

- 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.

7 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.	EDC3-329982-01
PART NO.	BM14JB-*DS-0.4V(55)
CODE NO.	CL684



Mouser Electronics

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