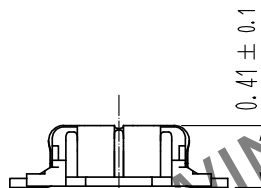
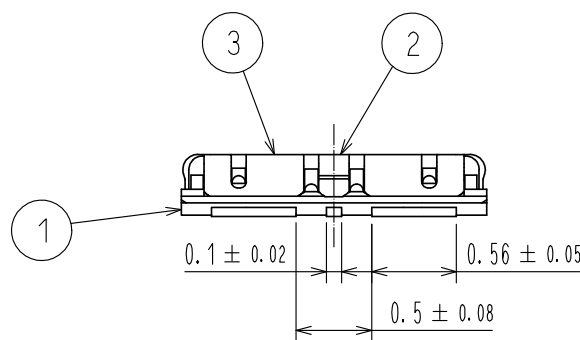
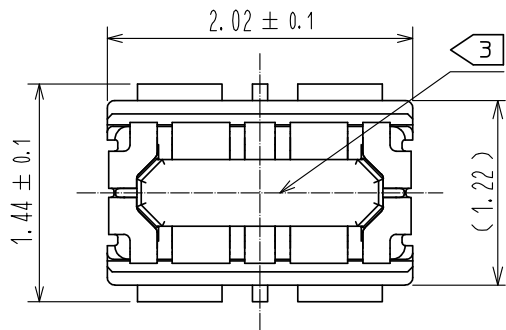
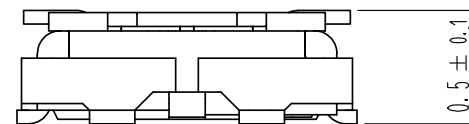


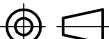

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ENGAGEMENT FIGURE (30:1)

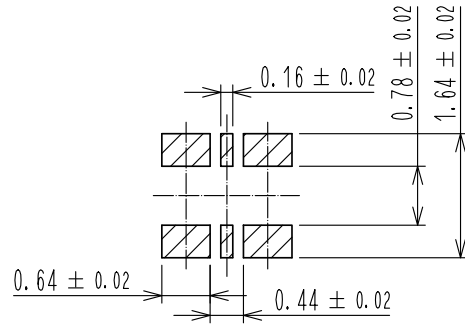


- NOTE 1 . All lead co-planarity shall be 0.08mm MAX.
2 . Contact plating specifications
Contact area : Gold 0.05 μ m MIN
SMT lead : Gold 0.05 μ m MIN
Under plating : Nickel 1 μ m MIN
(Surface : Sealing)
3 . CAV No. IS INDICATED IN APPROX. POSITION SHOWN.

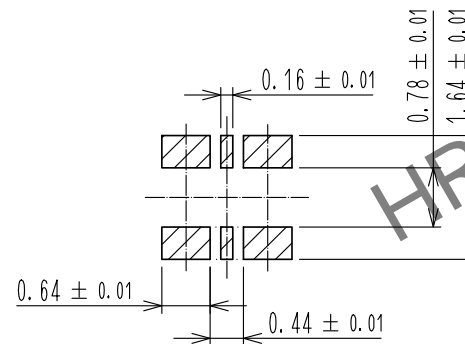
3	COPPER ALLOY	<div>2</div>	7	PS	CLEAR. REINFORCEMENT COLLAR				
2	COPPER ALLOY	<div>2</div>	6	PS	BLACK. PLASTIC REEL				
1	LCP	UL94 V-0. BLACK	5	POLYESTER	CLEAR. COVER TAPE				
			4	PS	SMOKE GRAY. EMBOSSED CARRIER TAPE				
NO.	MATERIAL	FINISH . REMARKS		NO.	MATERIAL	FINISH . REMARKS			
UNITS mm		SCALE 20 : 1	<div>0</div>	COUNT	DESCRIPTION OF REVISIONS		DESIGNED	CHECKED	DATE
 HIROSE ELECTRIC CO., LTD.		APPROVED :WR. FUKUCHI			20220614	DRAWING NO. EDC-394052-51-00			
		CHECKED :TY. 00I			20220613	PART NO. BM55R0. 5-2DP/2-0. 3V<51>			
		DESIGNED :SH. HOSODA			20220613	CODE NO. CL0673-7801-0-51			
		DRAWN :SH. HOSODA			20220613	<div>0</div> 1			

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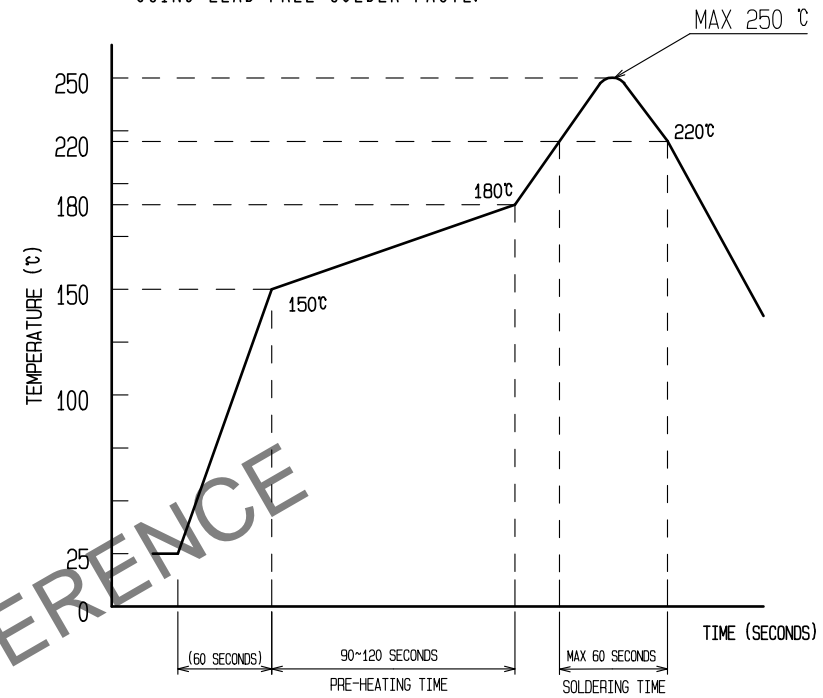
RECOMMENDED PCB LAYOUT (10 : 1)



RECOMMENDED METALMASK LAYOUT (10 : 1)
METALMASK THICKNESS : 80 μm



4 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.

- 4 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.
5. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS
FROM OUR RECOMMENDATION.
6. THIS PRODUCT SATISFIES HALOGEN FREE REQUIREMENTS DEFINED AS
900ppm MAXIMUM CHLORINE, 900ppm MAXIMUM BROMINE, AND 1500ppm
MAXIMUM TOTAL OF CHLORINE AND BROMINE.
7. THIS PRODUCT COMPLY WITH RoHS.

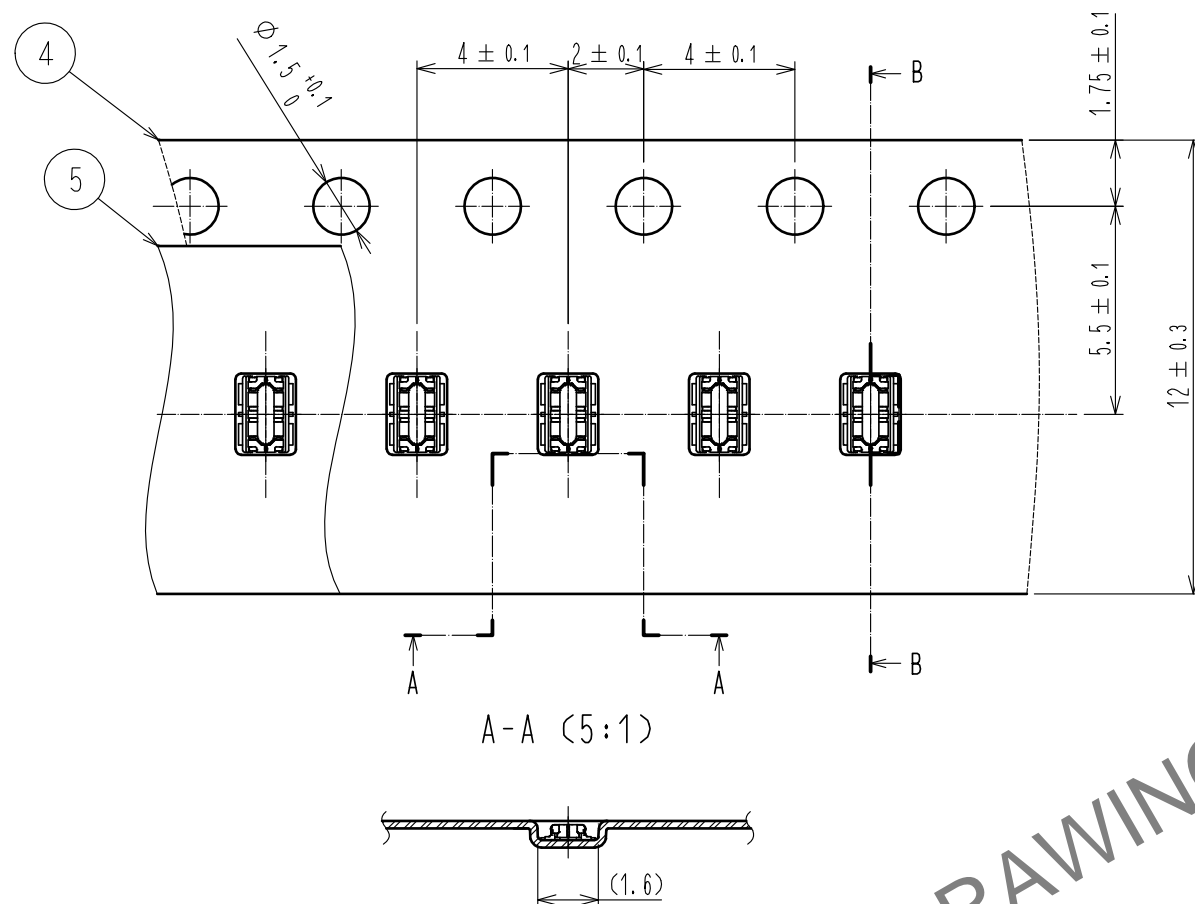
HRS

DRAWING NO.	EDC-394052-51-00
PART NO.	BM55R0. 5-2DP/2-0. 3V<51>
CODE NO.	CL0673-7801-0-51

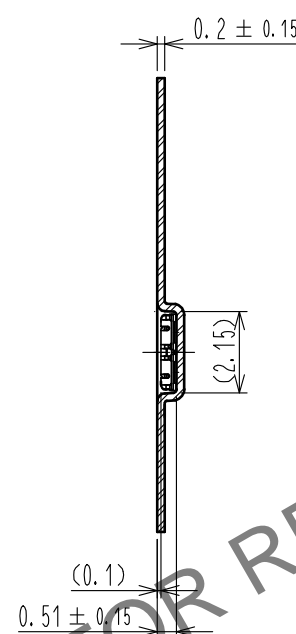
2/3

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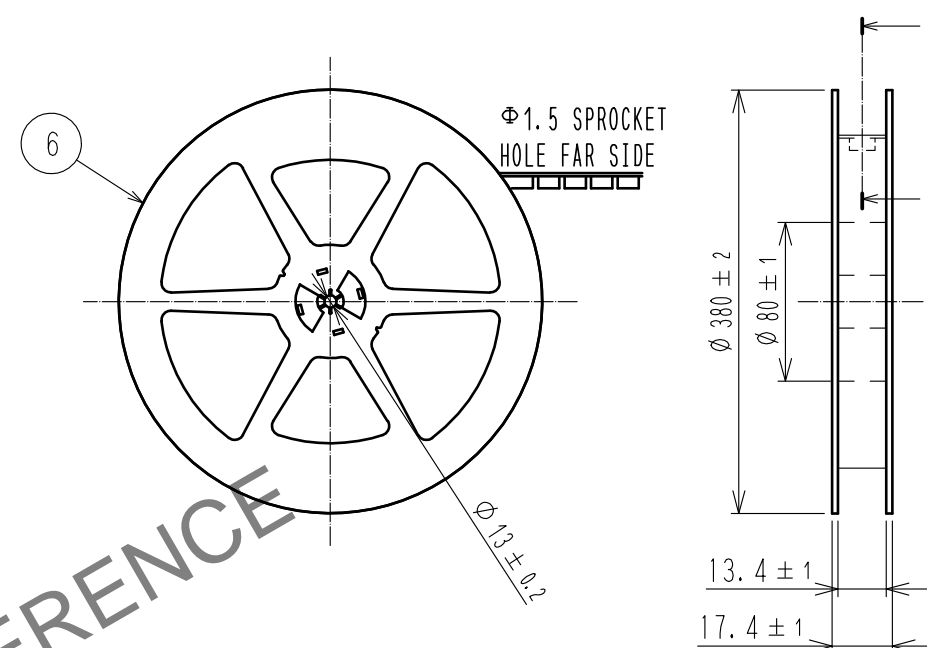
EMBOSSED CARRIER TAPE PACKAGING (5:1)



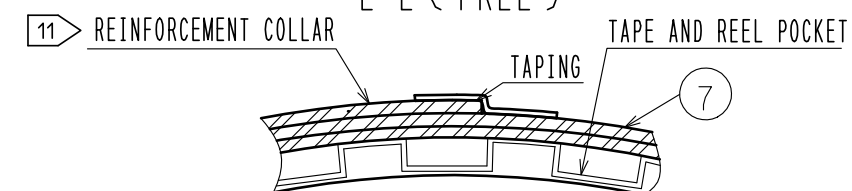
B-B (5:1)



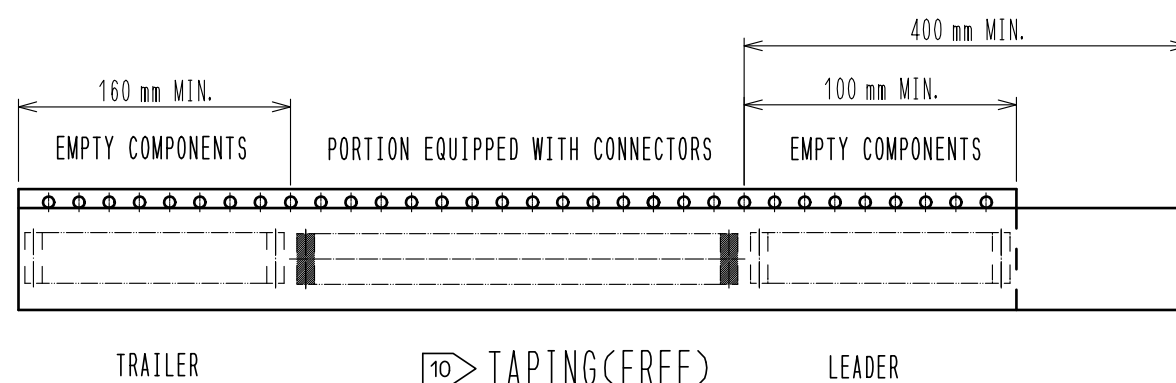
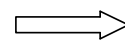
STYLE AND DIMENSION OF REEL (FREE)



E-E (FREE)



DIRECTION OF UNREELING



- 8 . PER REEL 30,000 CONNECTORS.
- 9 . THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.
- 10 REFER TO IEC 60286-3 (PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)
- 11 AFTER PACKAGING, ROLL 2 METERS OF THE REINFORCEMENT COLLAR TO OUTER CIRCUMFERENCE OF TAPE AND REEL POCKET, AND TAPE DOWN AT THE END THE COLLAR.

HRS

DRAWING NO.	EDC-394052-51-00
PART NO.	BM55R0. 5-2DP/2-0. 3V(51)
CODE NO.	CL0673-7801-0-51

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