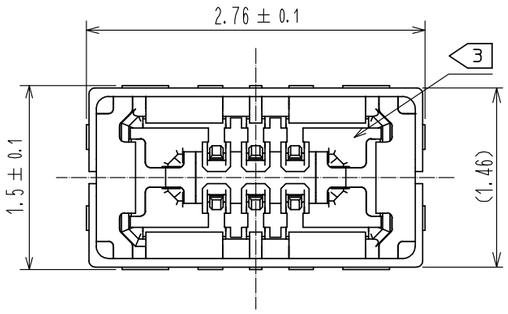
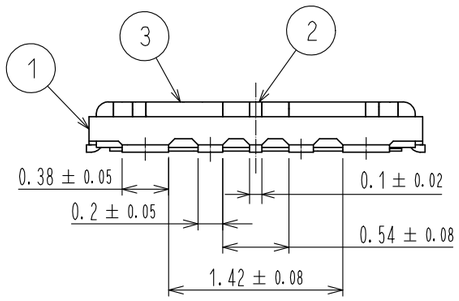
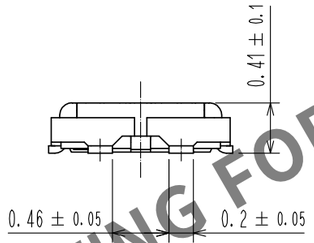
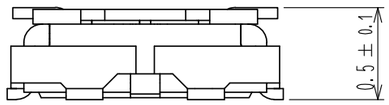
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ENGAGEMENT FIGURE (30:1)



HRS DRAWING FOR REFERENCE

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

NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
3	COPPER ALLOY	2	7	PS	CLEAR. REINFORCEMENT COLLAR
2	COPPER ALLOY	2	6	PS	BLACK. PLASTIC REEL
1	LCP	UL94 V-0. BLACK	5	POLYESTER	CLEAR. COVER TAPE
			4	PS	SMOKE GRAY. EMBOSSED CARRIER TAPE

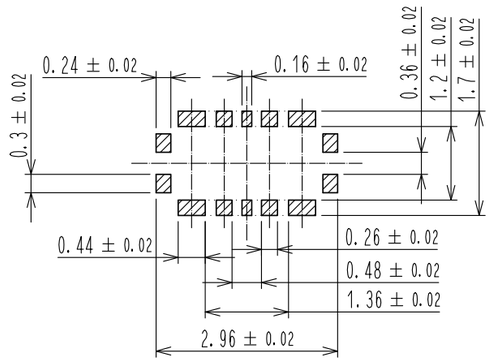
UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	20 : 1	0				

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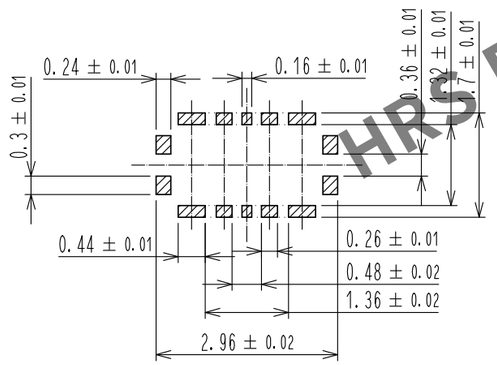
APPROVED	WR. FUKUCHI	20220614	DRAWING NO.	EDC-394051-51-00
CHECKED	TY. OOI	20220613	PART NO.	BM55R0. 5-2DS/2-0. 3V(51)
DESIGNED	SH. HOSODA	20220613	CODE NO.	CL0673-7800-0-51
DRAWN	SH. HOSODA	20220613		0 1/3

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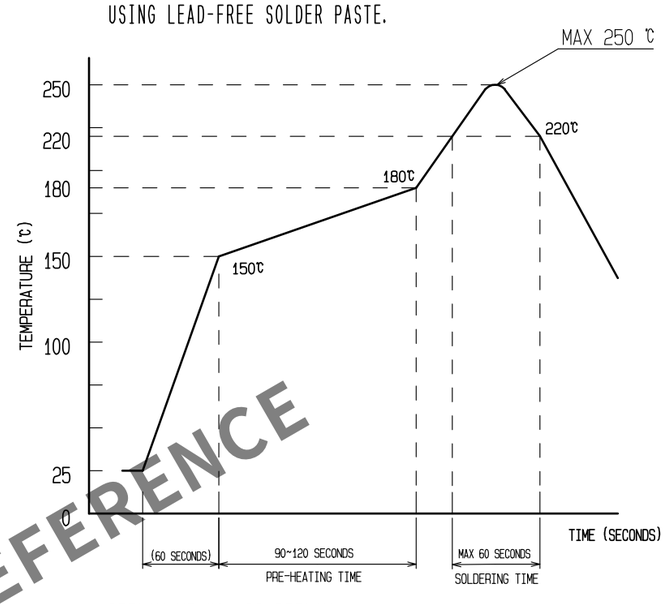
RECOMMENDED PCB LAYOUT (10 : 1)



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



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℃, 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.

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.

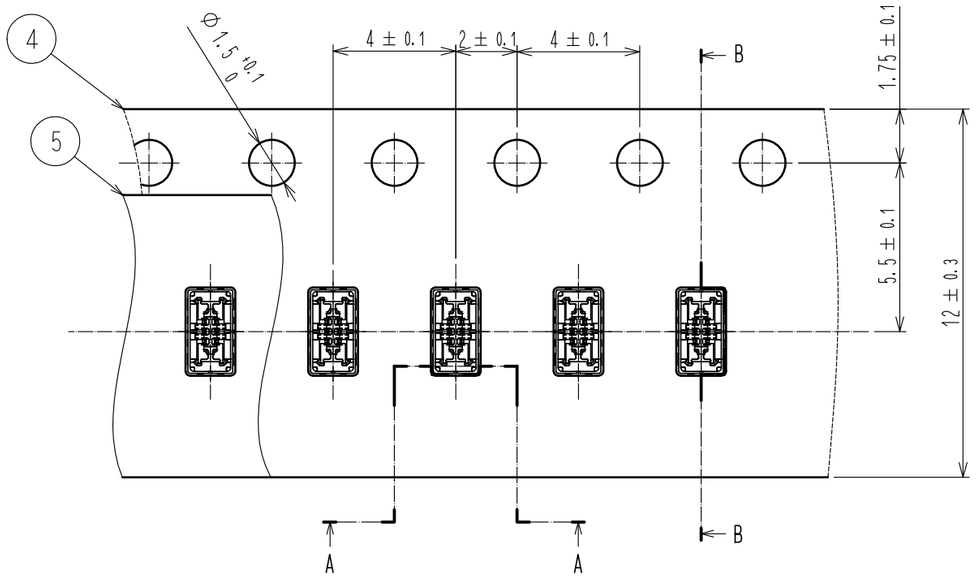
5. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.
6. THIS PRODUCT SATISFIES HALOGEN FREE REQUIREMENTS DEFINED AS 900ppm MAXIMUM CHLORINE, 900ppm MAXIMUM BROMINE, AND 1500ppm MAXIMUM TOTAL OF CHLORINE AND BROMINE.
7. THIS PRODUCT COMPLY WITH RoHS.

HRS DRAWING FOR REFERENCE

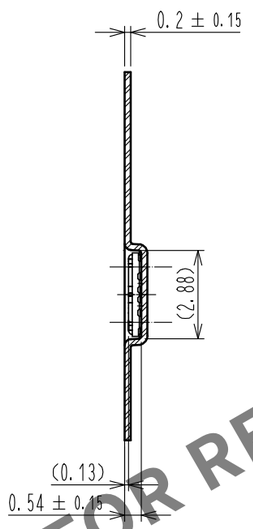
HRS	DRAWING NO.	EDC-394051-51-00
	PART NO.	BM55R0.5-2DS/2-0.3V(51)
	CODE NO.	CL0673-7800-0-51

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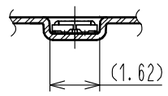
EMBOSSED CARRIER TAPE PACKAGING (5:1)



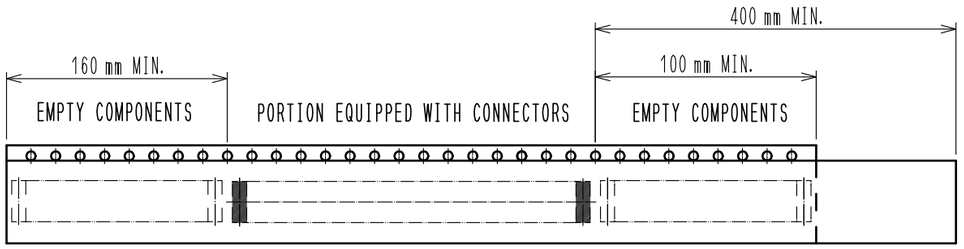
B-B (5:1)



A-A (5:1)

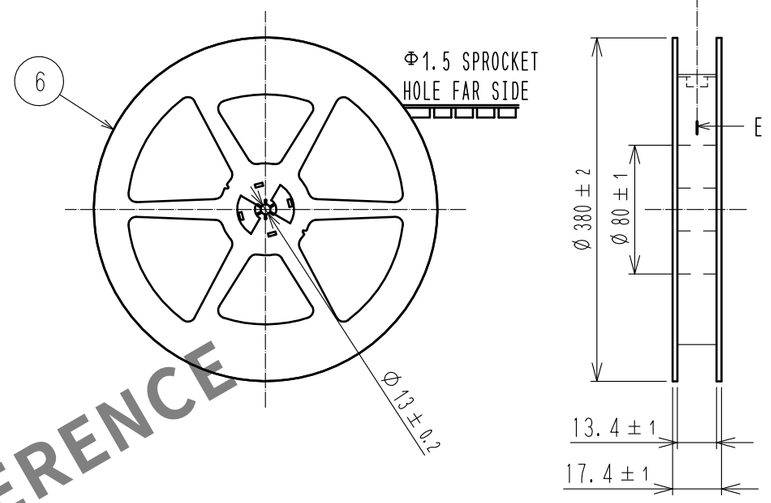


DIRECTION OF UNREELING

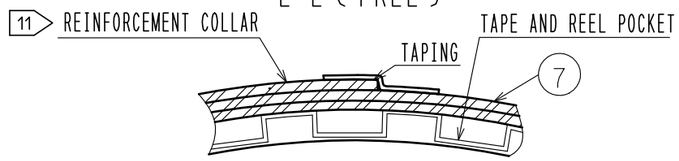


10 TAPING(FREE)

STYLE AND DIMENSION OF REEL (FREE)



E-E (FREE)



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 FOR REFERENCE

DRAWING NO.	EDC-394051-51-00
PART NO.	BM55R0.5-2DS/2-0.3V(51)
CODE NO.	CL0673-7800-0-51

△0 3/3