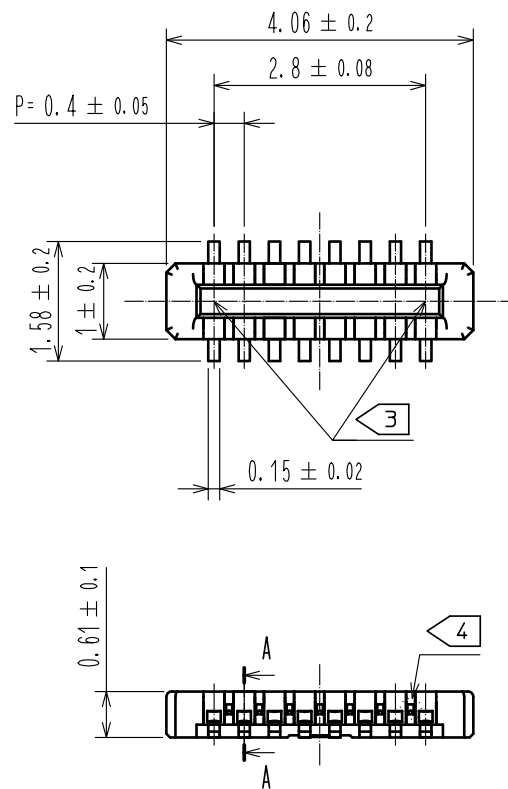


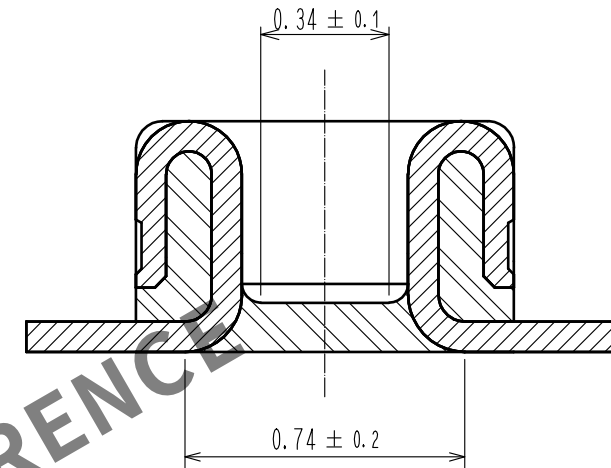


NOTE) 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX

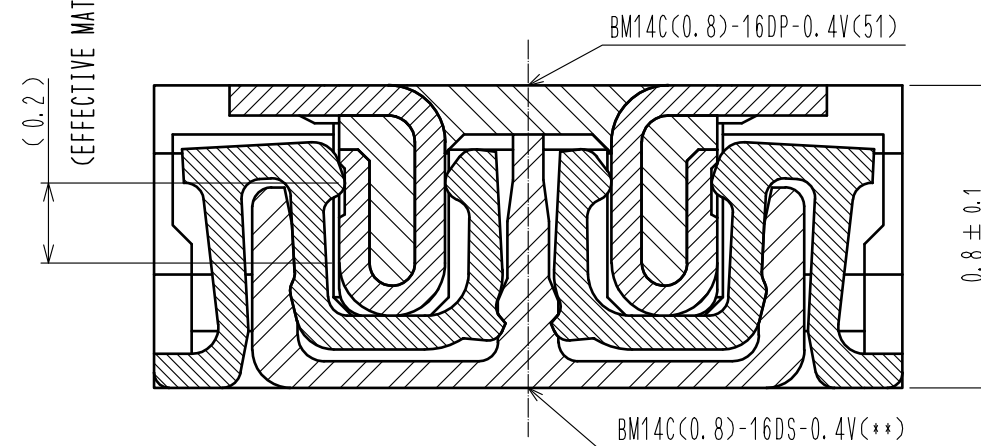
2. CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD $0.05\mu\text{m}$ MIN
SMT LEAD : GOLD $0.05\mu\text{m}$ MIN
UNDERPLATING : NICKEL $1\mu\text{m}$ MIN
(SURFACE : SEALING)

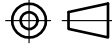
3. HRS MARK AND CAV No. ARE INDICATED IN APPROX POSITION SHOWN.
4. A PART OF THE WALL COULD BE NOTCHED.

A-A (50:1)



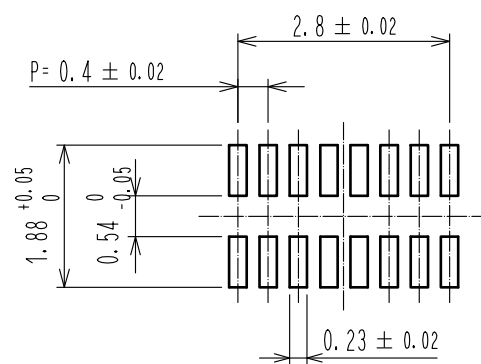
ENGAGEMENT FIGURE (50:1)



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  HRS HIROSE ELECTRIC CO., LTD.		SCALE 10 : 1		COUNT DESCRIPTION OF REVISIONS		DESIGNED		CHECKED		DATE		
		APPROVED :MO. ISHIDA		16. 05. 09		DRAWING NO.		EDC-329187-51-00				
		CHECKED :TS. MIYAZAKI		16. 05. 09		PART NO.		BM14C(0.8)-16DP-0.4V(51)				
		DESIGNED :NY. YAMASHIRO		16. 05. 09		CODE NO.		CL684-8040-1-51				
DRAWN :SN. NUMAZAKI		16. 04. 28				1/3						

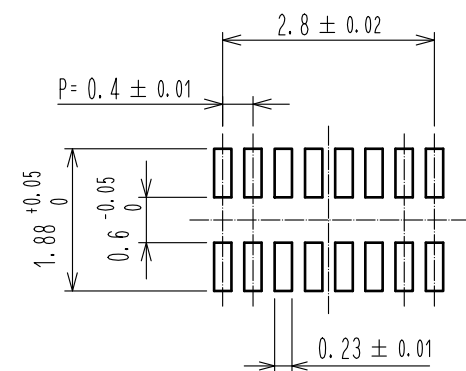
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◆ RECOMMENDED PCB LAYOUT

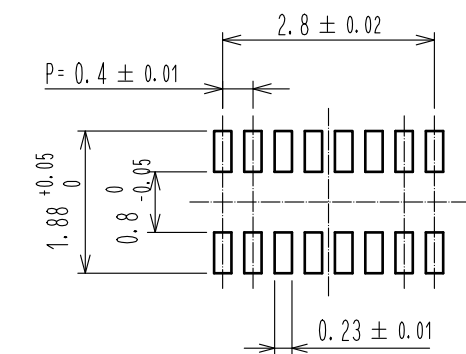


◆ RECOMMENDED METAL MASK DIMENSIONS

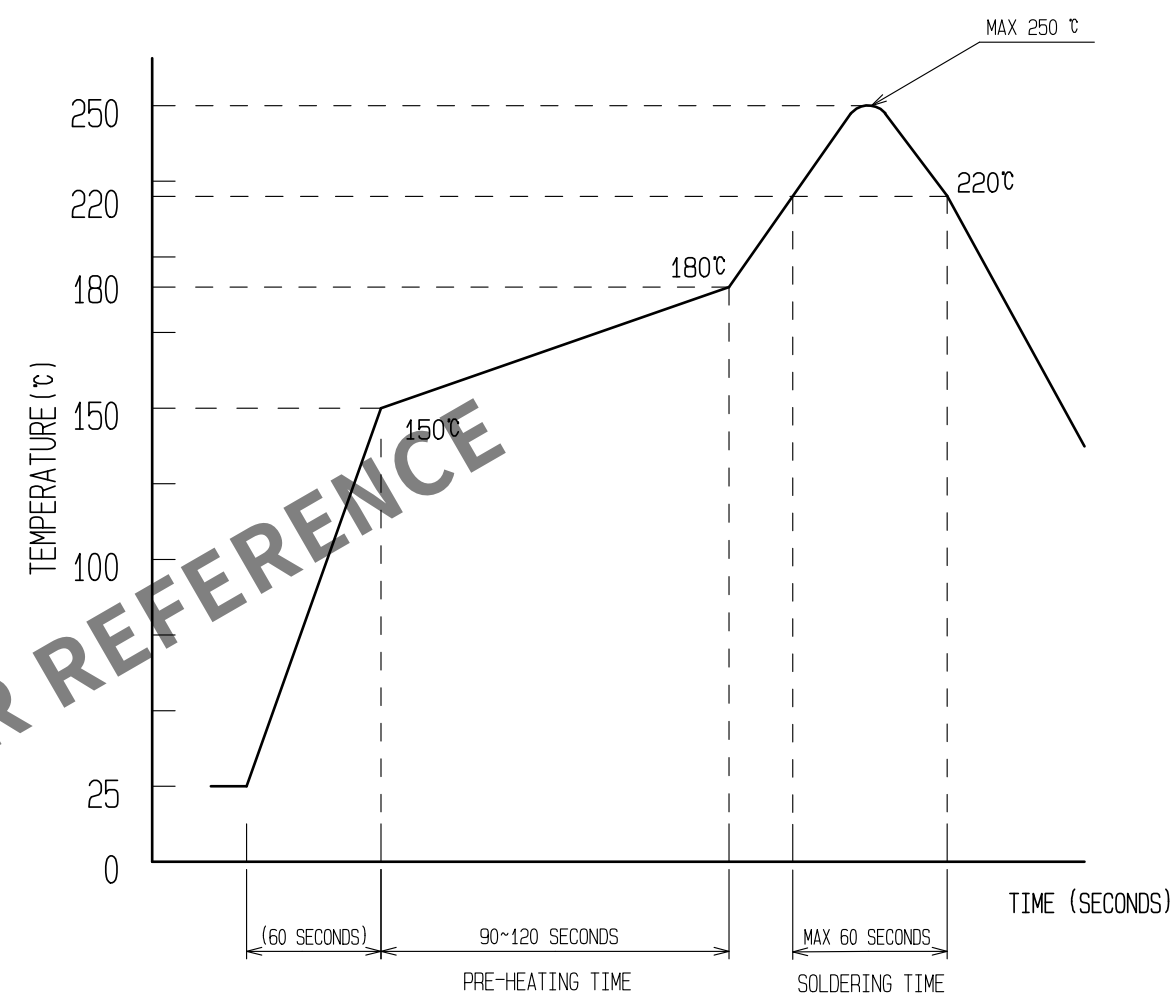
METAL MASK THICKNESS : $100 \mu\text{m}$



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



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.

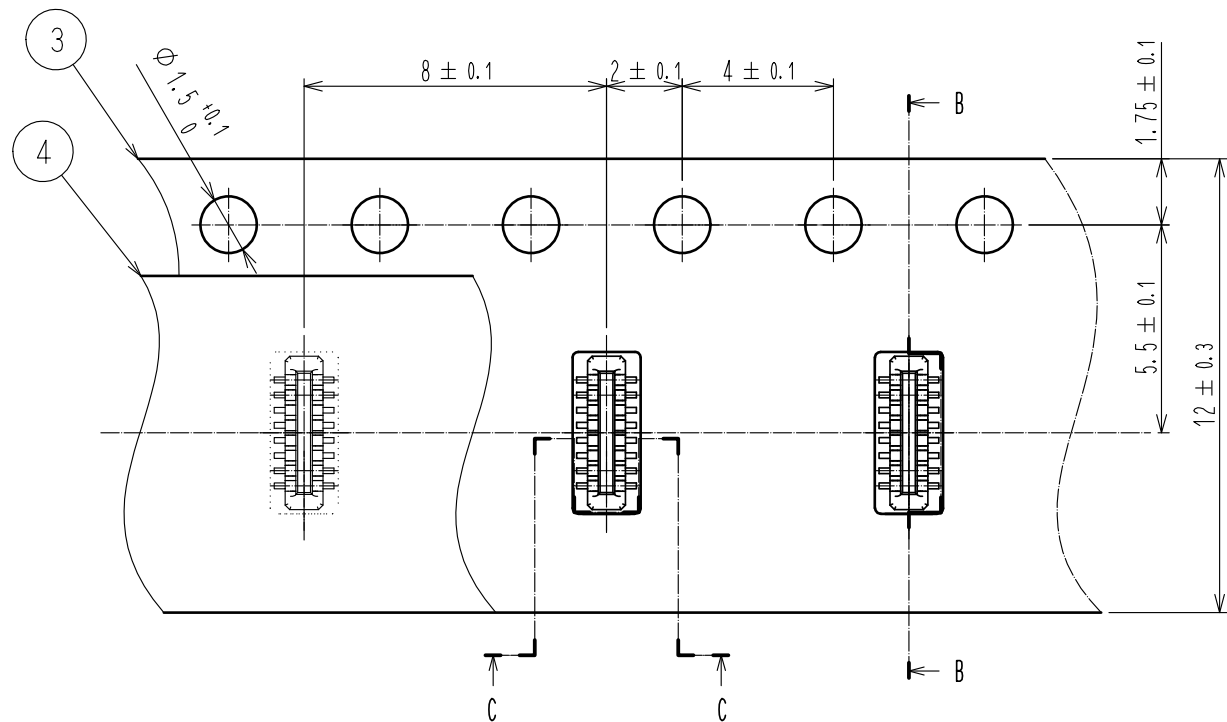
HRS

DRAWING NO.	EDC-329187-51-00
PART NO.	BM14C(0.8)-16DP-0.4V(51)
CODE NO.	CL684-8040-1-51

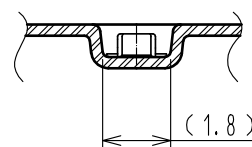
2/3

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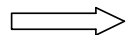
ENBOSSED CARRIER TAPE PACKAGING (5:1)



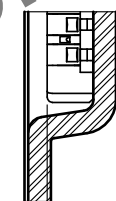
C-C (5:1)



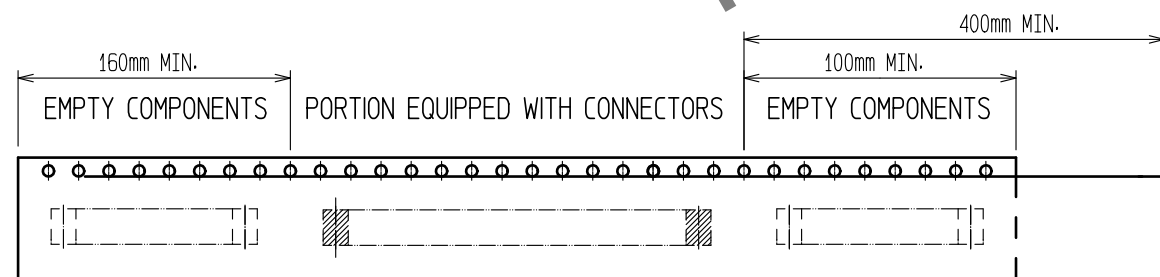
DIRECTION OF UNREELING



E (40:1)



PICK UP AREA : (0.05)

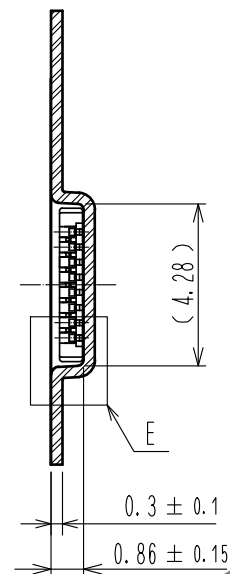


TRAILER

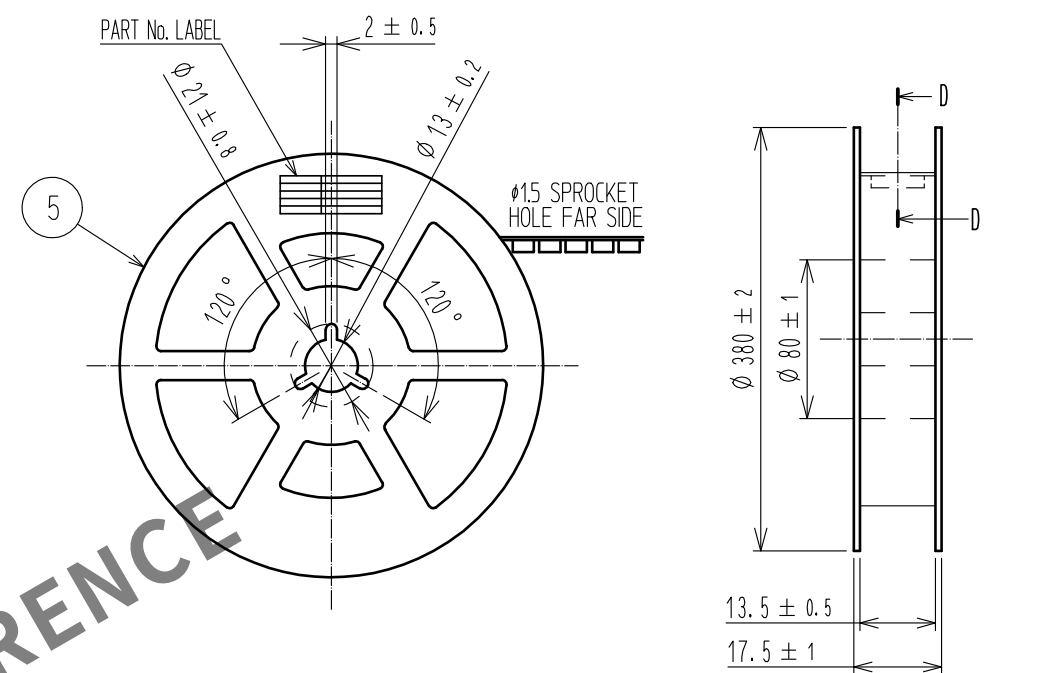
9 TAPING (FREE)

LEADER

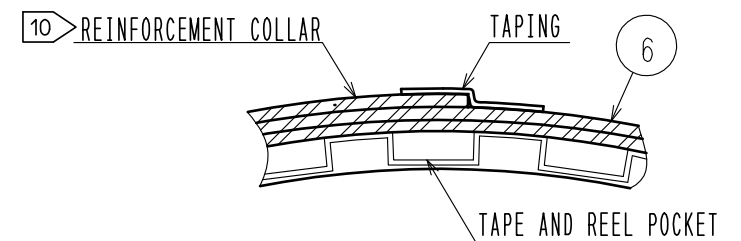
B-B (5:1)



STYLE AND DIMENTION OF REEL (FREE)



D-D (FREE)



DETAIL OF PART No. LABEL

SUPPLIER	
QUANTITY	
PART No.	
CODE No.	
DATE OF MANUFACTURED	
製造年月日	** ** *
製品コード	CL684-8040-1-51
製品名	BM14B(0.8)-16DP-0.4V(51)
数量	8,000
納入者	ヒロセ電機(株)

7. PER REEL 8000 CONNECTORS.

8. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

9 REFER TO JIS C 0806, IEC 60286-3(PACKAGING OF COMPONENTS FOR AUTOMATIC HANDLING)

10 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-329187-51-00
PART NO.	BM14C(0.8)-16DP-0.4V(51)
CODE NO.	CL684-8040-1-51