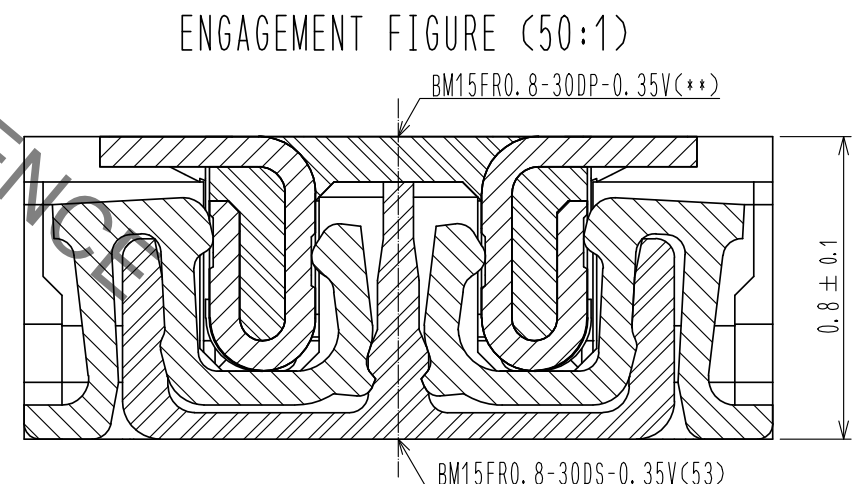
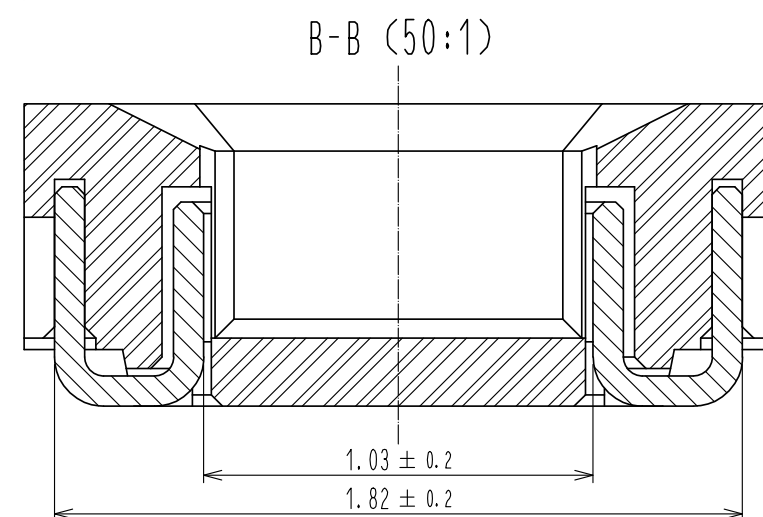
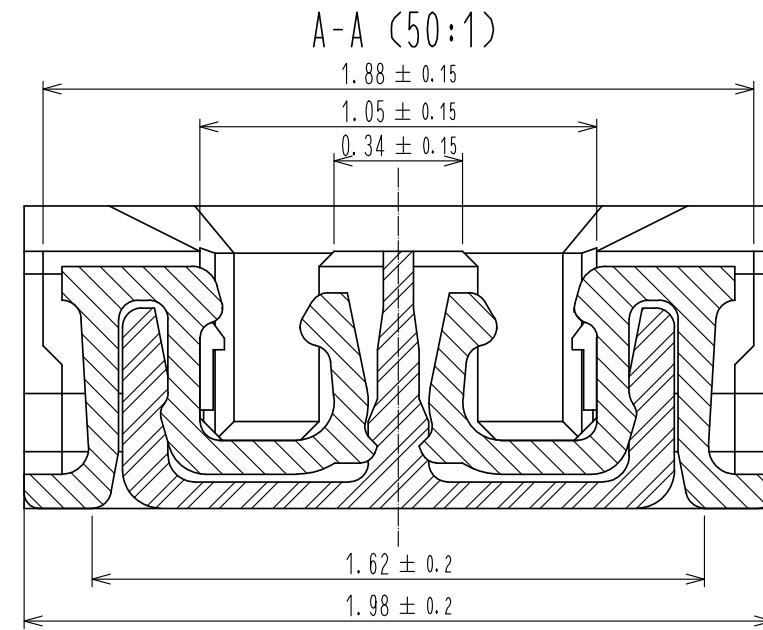
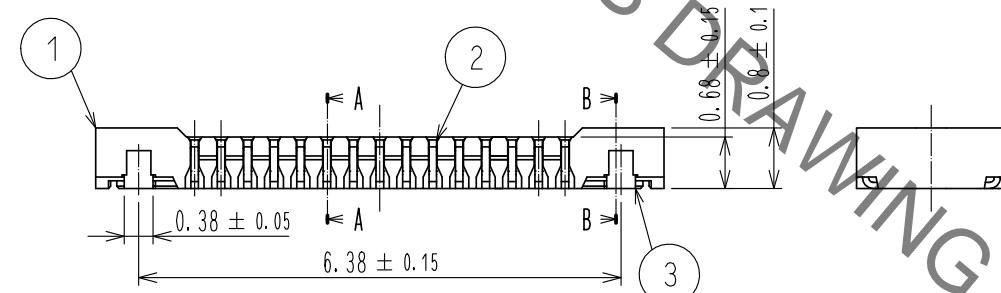
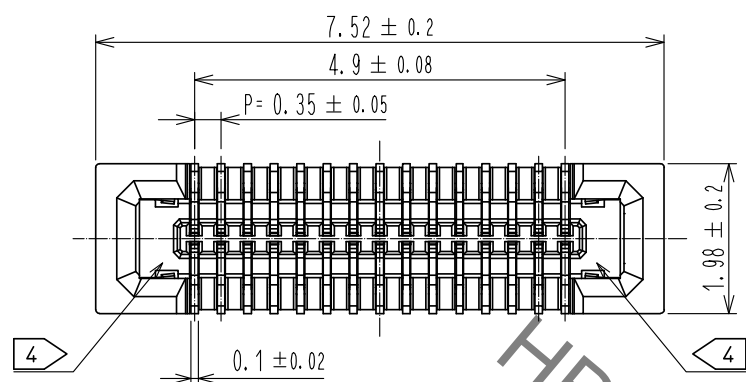


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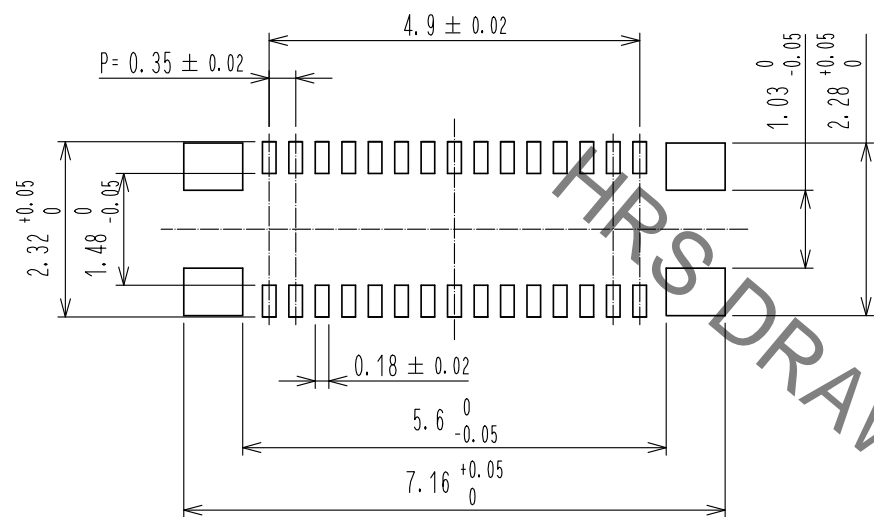
NOTE) 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX  
 2 CONTACT PLATING SPECIFICATIONS.  
 CONTACT AREA : GOLD 0.05 μm MIN  
 SMT LEAD : GOLD 0.05 μm MIN  
 UNDERPLATING : NICKEL 1 μm MIN  
 ( SURFACE : SEALING )  
 3 REINFORCED METAL FITTINGS LOCK  
 SMT LEAD : GOLD 0.05 μm MIN  
 UNDERPLATING : NICKEL 1 μm MIN  
 ( SURFACE : SEALING )  
 4 CAV NO. AND HRS MARK MAY BE INDICATED IN APPROX POSITION SHOWN.

4	PS	CLEAR (ENBOSSED CARRIER TAPE)			
3	PHOSPHOR BRONZE	3	7	PS	CLEAR (REINFORCEMENT COLLAR)
2	PHOSPHOR BRONZE	2	6	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	5	POLYESTER	CLEAR (COVER TAPE)
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS

UNITS mm		SCALE 10:1	COUNT 	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
<b>HRS</b> HIROSE ELECTRIC CO., LTD.		APPROVED : MO. ISHIDA	16.01.08	DRAWING NO.	EDC-356367-53-01		
		CHECKED : TS. MIYAZAKI	16.01.08	PART NO.	BM15FR0.8-30DS-0.35V(53)		
		DESIGNED : SH. HOSODA	16.01.07	CODE NO.	CL673-1244-0-53		
		DRAWN : KR. AJITO	16.01.07		1/3		

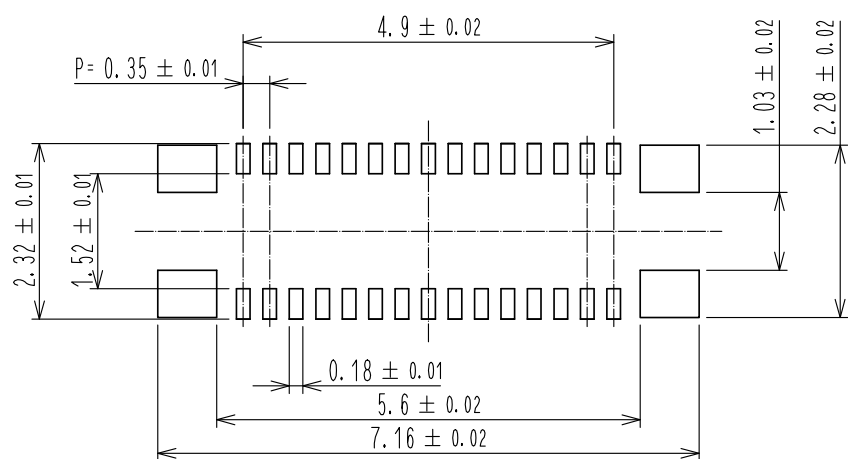
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◆ RECOMMENDED PCB LAYOUT

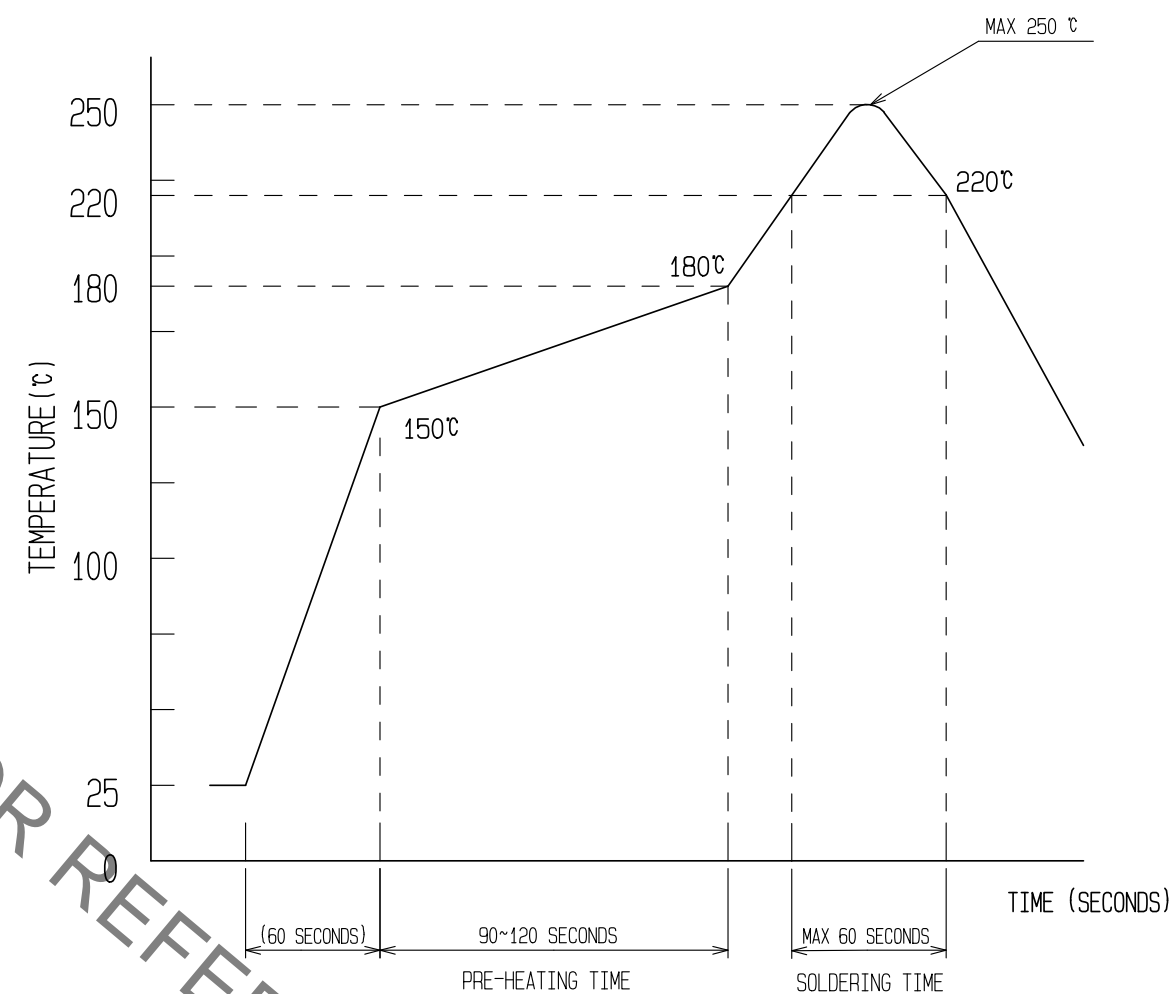


◆ RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : 100 μm



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°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.

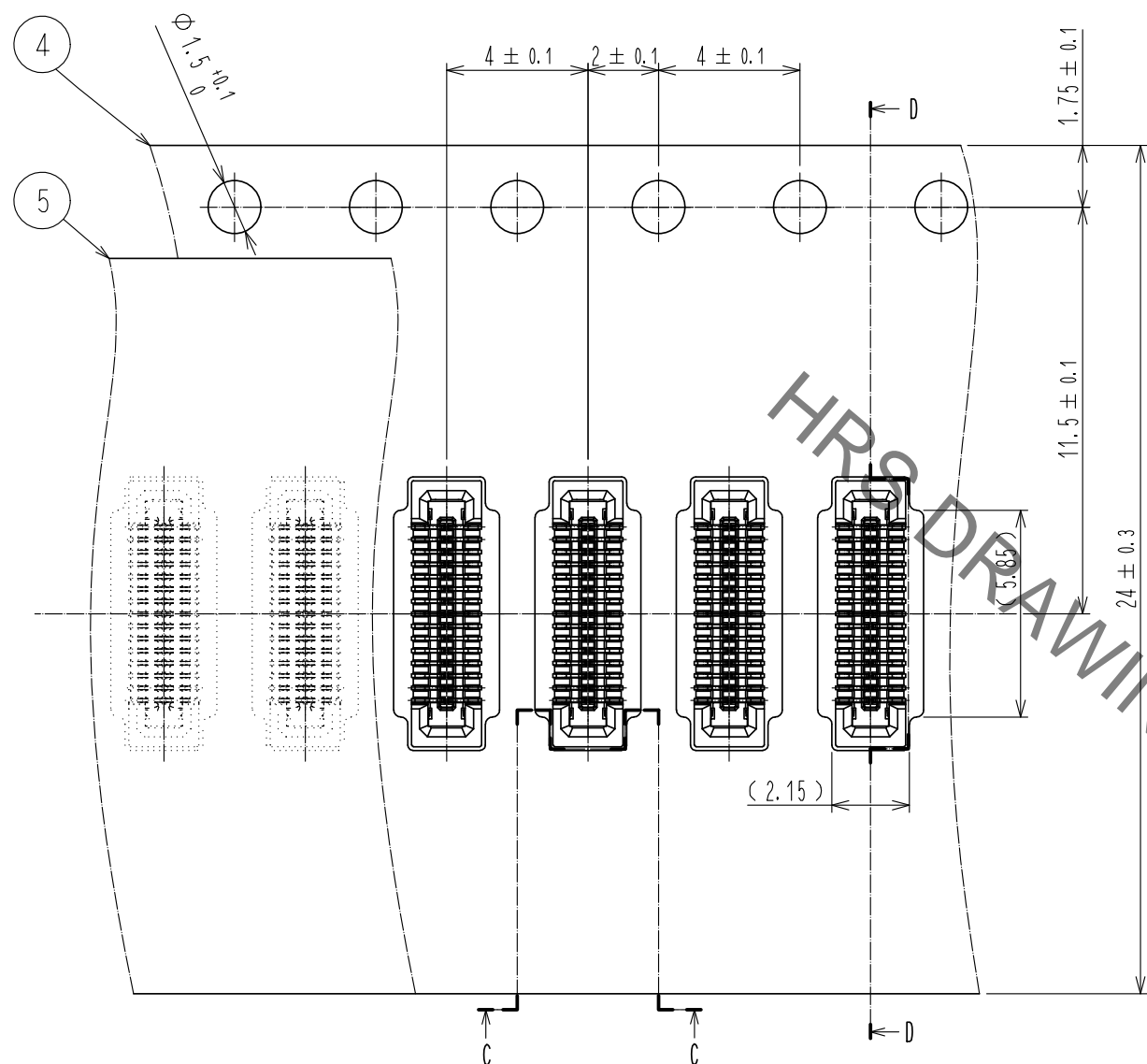
5 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

<b>HRS</b>	DRAWING NO.	EDC-356367-53-01
	PART NO.	BM15FR0.8-30DS-0.35V(53)
	CODE NO.	CL673-1244-0-53

2/3

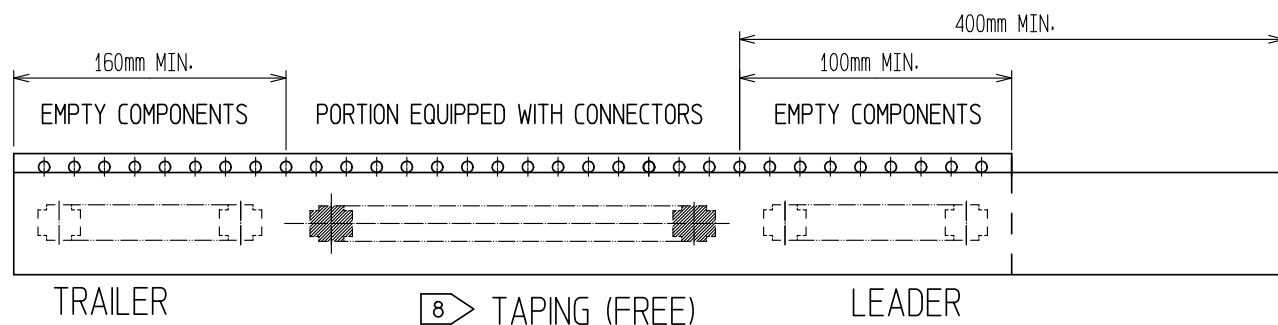
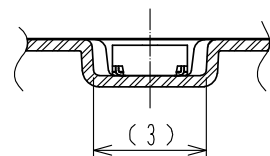
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### EMBOSED CARRIER TAPE PACKAGING (5:1)

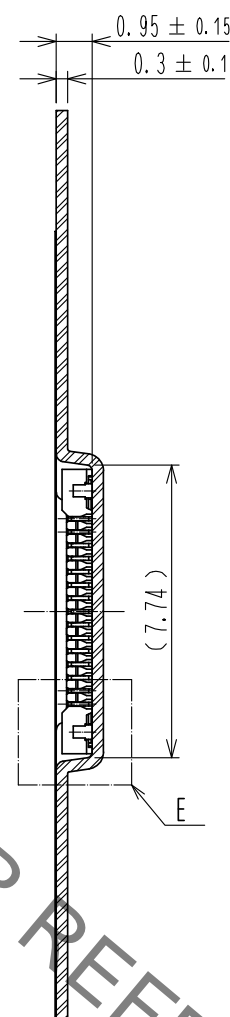


DIRECTION OF UNREELING

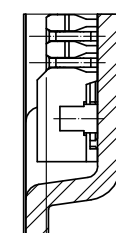
C-C (5:1)



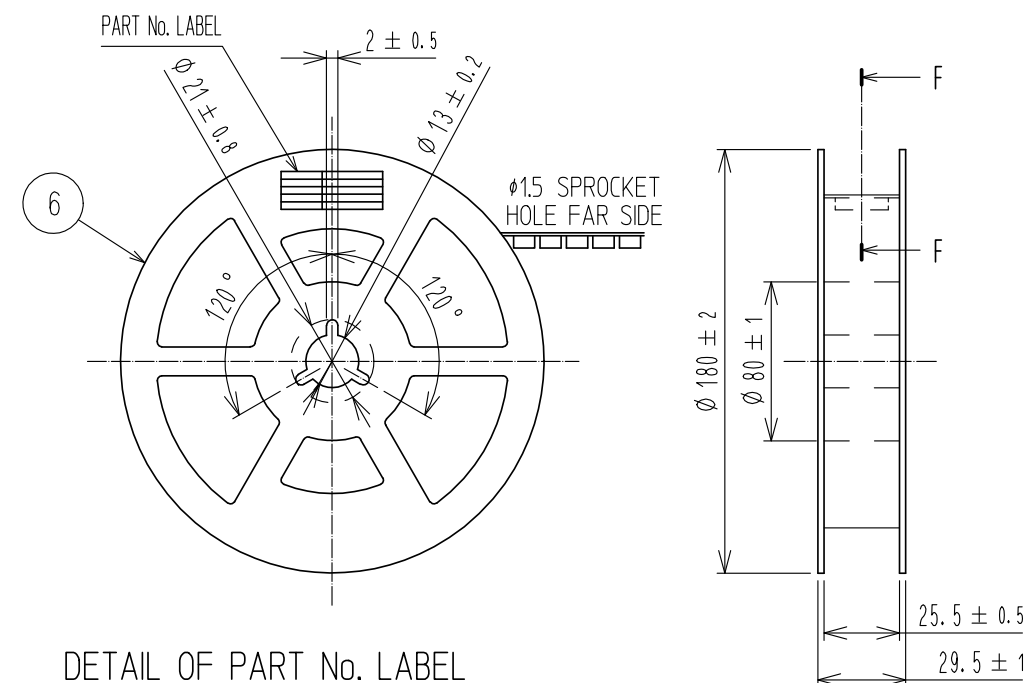
D-D (5:1)



E(10:1)



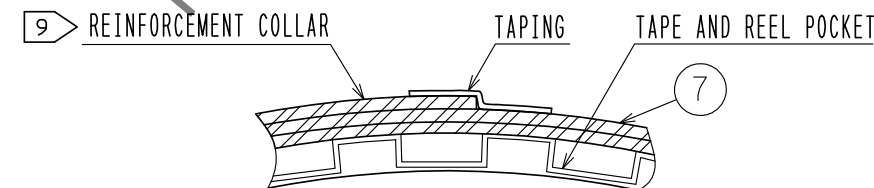
### STYLE AND DIMENTION OF REEL (FREE)



DETAIL OF PART No. LABEL

SUPPLIER	
QUANTITY	
PART No.	
CODE No.	
DATE OF MANUFACTURED	
製造年月日	** ** *
製品コード	CL673-1244-0-53
製品名	BM15FR0.8-30DS-0.35V(53)
数量	1,000
納入者	ヒロセ電機(株)

F-F (FREE)



6. PER REEL 1000 CONNECTORS.

7. THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

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

9 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-356367-53-01
PART NO.	BM15FR0.8-30DS-0.35V(53)
CODE NO.	CL673-1244-0-53

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