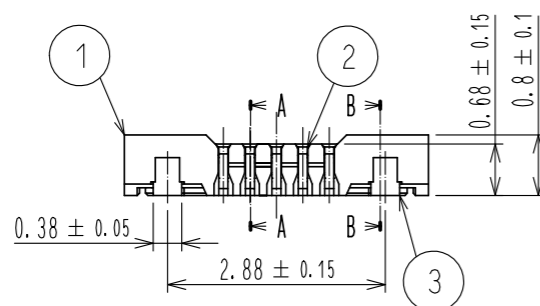
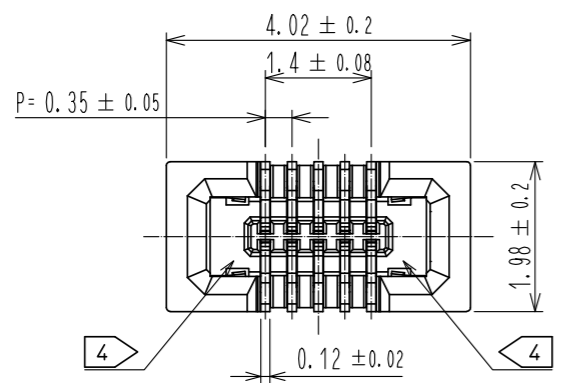
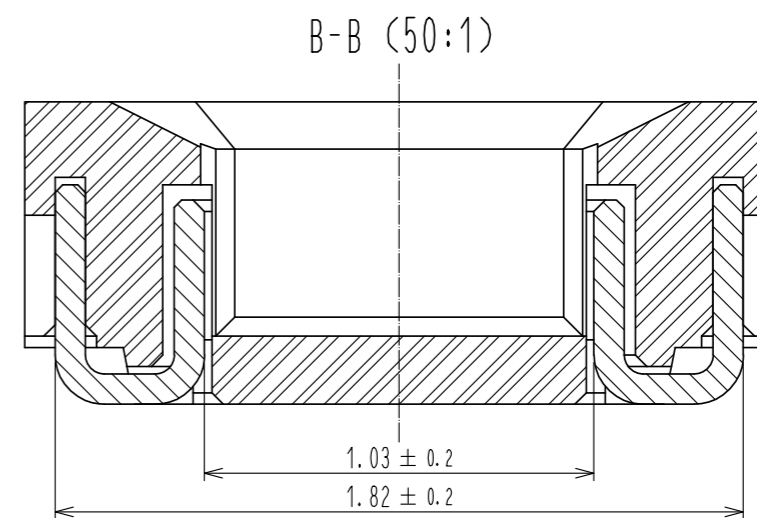
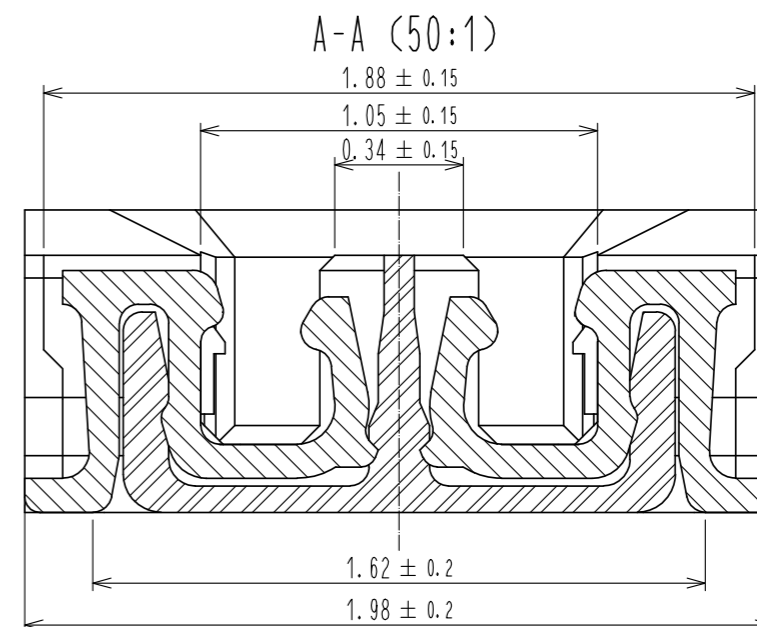


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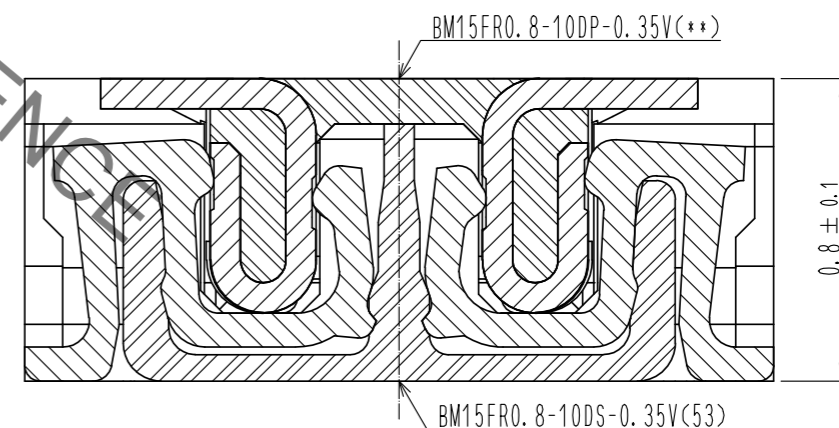


NOTE) 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX  
 2 CONTACT PLATING SPECIFICATIONS.  
 CONTACT AREA : GOLD 0.05 μm MIN  
 SMT LEAD : GOLD 0.05 μm MIN  
 UNDERPLATING : NICKEL 1 μm MIN  
 ( SURFACE : SEALING )  
 3 REINFORCED METAL FITTINGS LOCK  
 SMT LEAD : GOLD 0.05 μm MIN  
 UNDERPLATING : NICKEL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

HRS DRAWING FOR REFERENCE



ENGAGEMENT FIGURE (50:1)

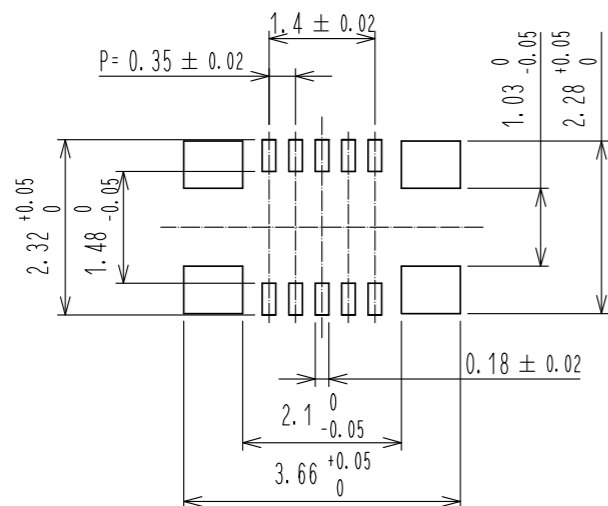


4	PS	CLEAR (ENBOSSED CARRIER TAPE)	7	PS	CLEAR (REINFORCEMENT COLLAR)
3	PHOSPHOR BRONZE	3	6	PS	BLACK (PLASTIC REEL)
2	PHOSPHOR BRONZE	2	5	POLYESTER	CLEAR (COVER TAPE)
1	LCP	UL94 V-0, BLACK			
NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS

UNITS mm		SCALE 10:1	COUNT 1	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
HIROSE ELECTRIC CO., LTD.				APPROVED : MO. ISHIDA 16.01.08 CHECKED : TS. MIYAZAKI 16.01.08 DESIGNED : SH. HOSODA 16.01.07 DRAWN : KR. AJITO 16.01.07	DRAWING NO. EDC-355885-53-01 PART NO. BM15FR0.8-10DS-0.35V(53) CODE NO. CL673-1225-5-53		

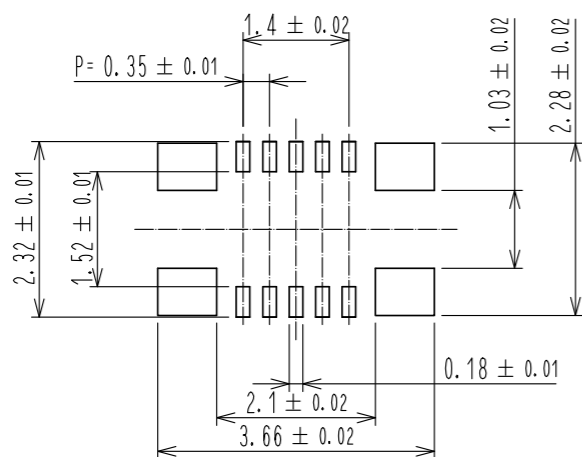
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◆ RECOMMENDED PCB LAYOUT

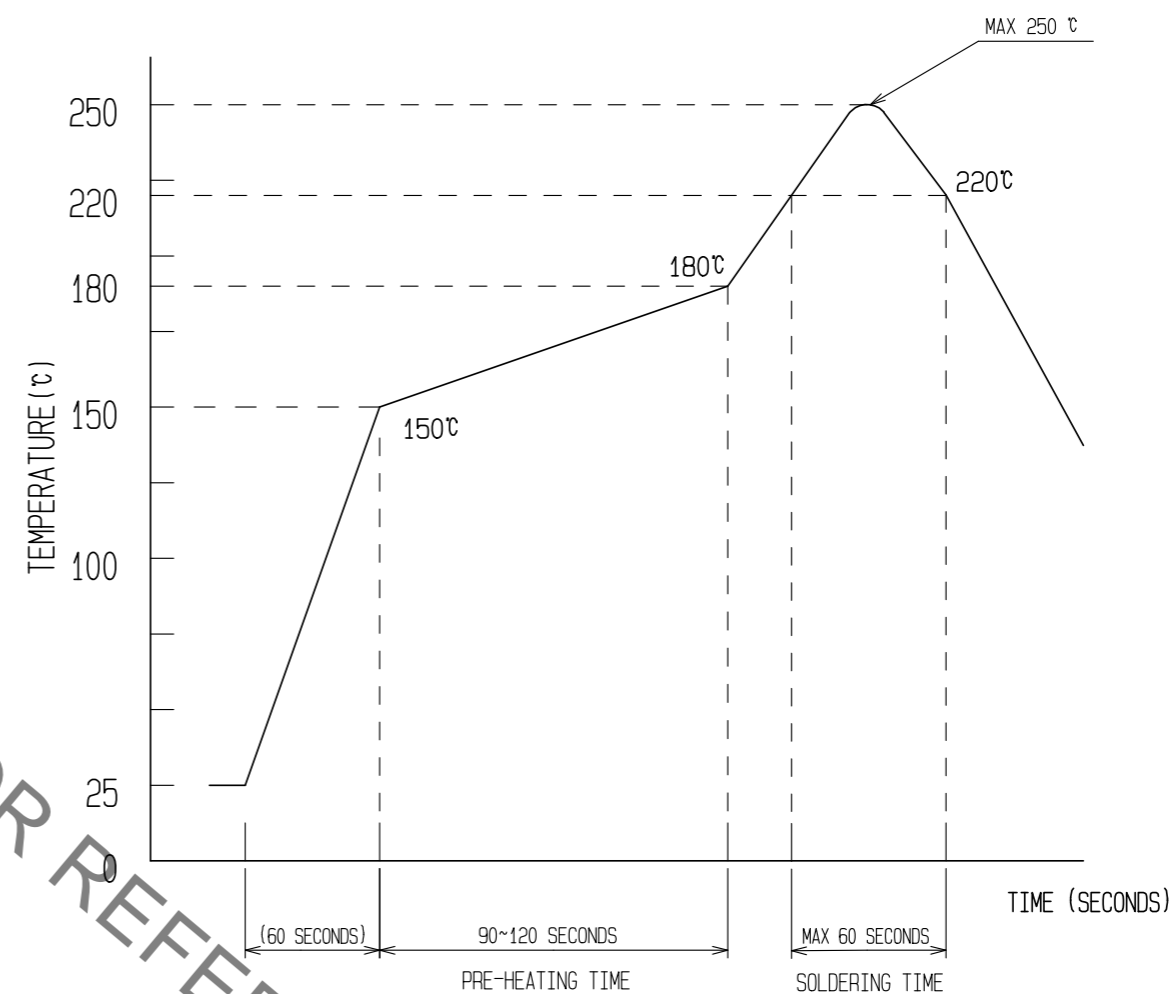


◆ RECOMMENDED METAL MASK DIMENSIONS

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.

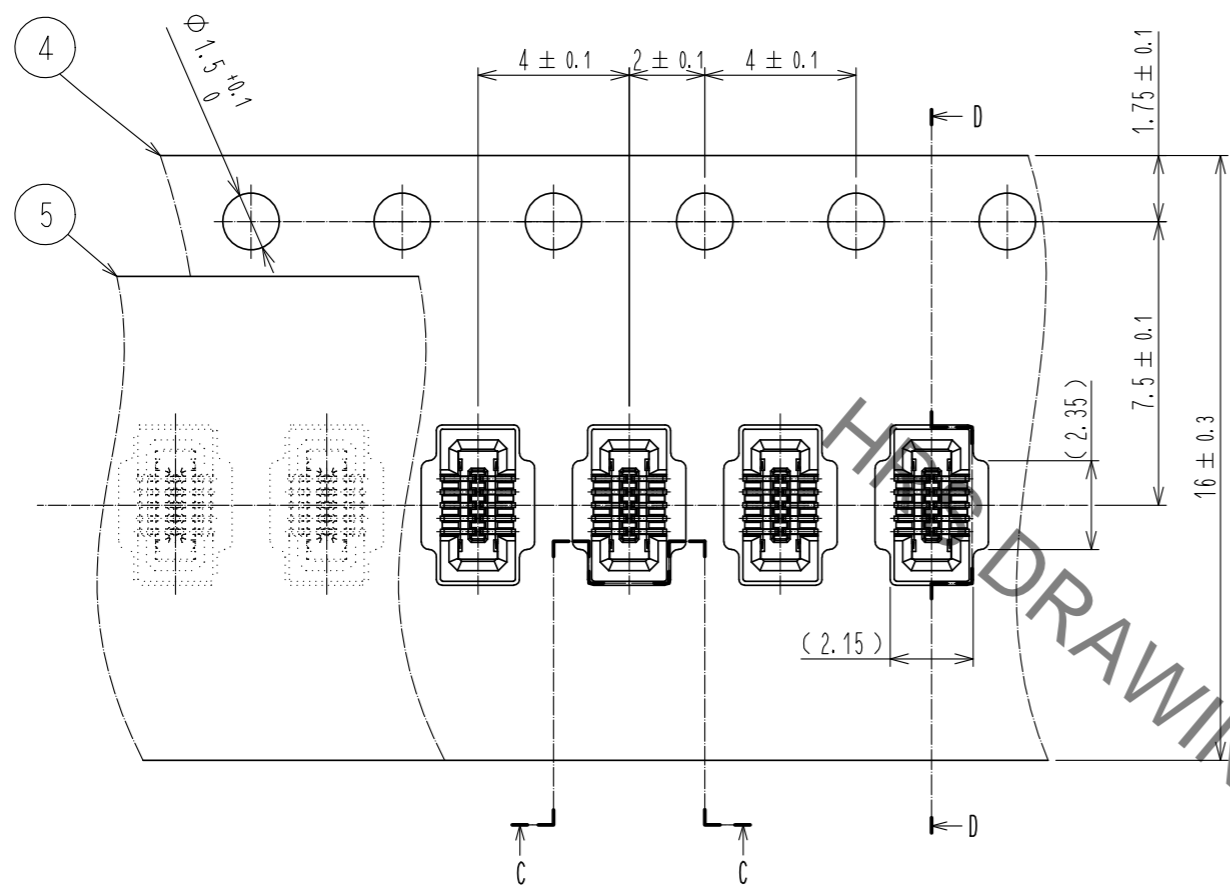
HRS DRAWING FOR REFERENCE

<b>HRS</b>	DRAWING NO.	EDC-355885-53-01
	PART NO.	BM15FR0.8-10DS-0.35V(53)
	CODE NO.	CL673-1225-5-53

2/3

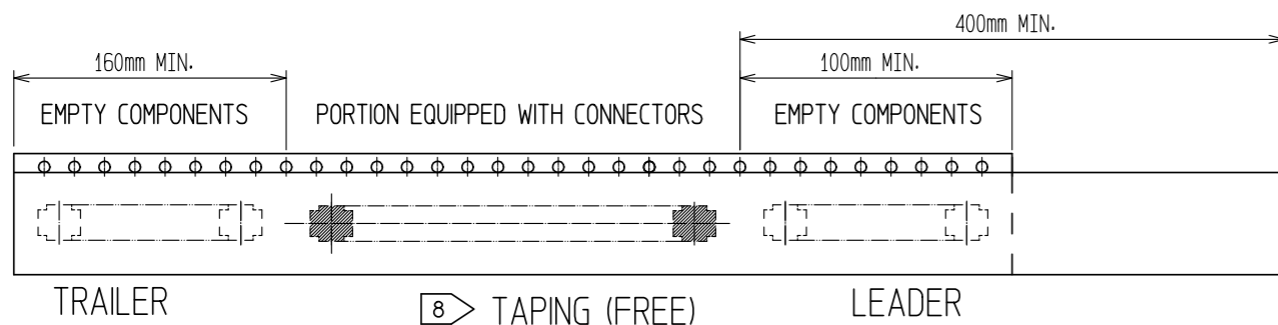
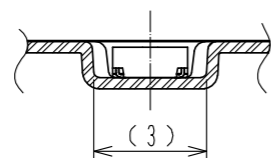
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### EMBOSED CARRIER TAPE PACKAGING (5:1)

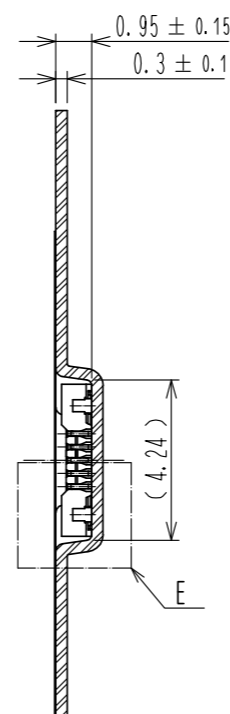


DIRECTION OF UNREELING  
→

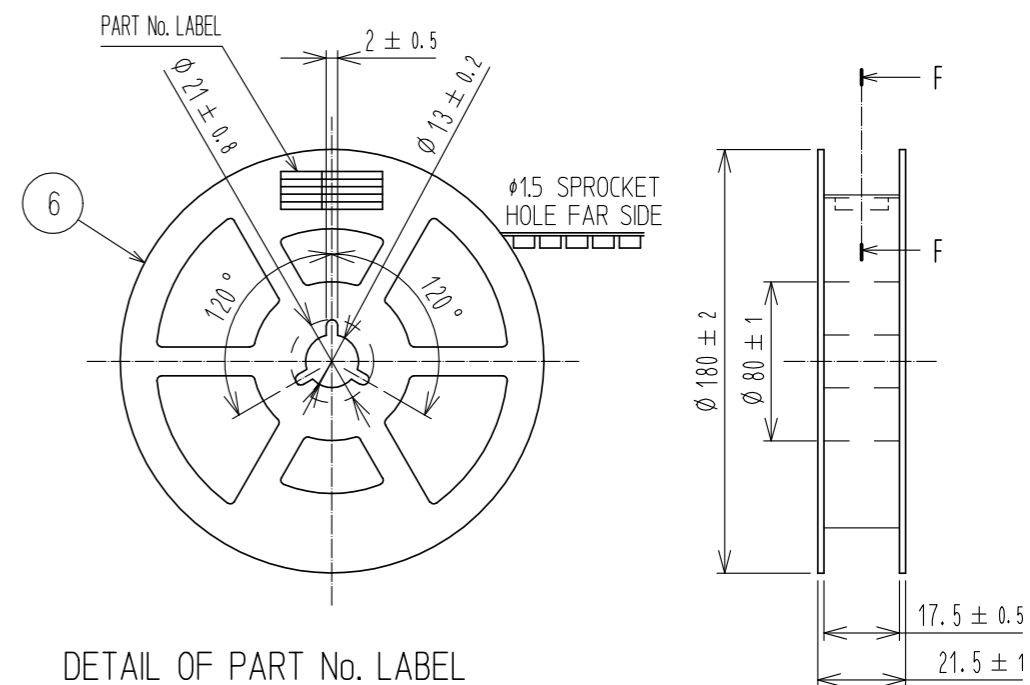
### C-C (5:1)



### D-D (5:1)



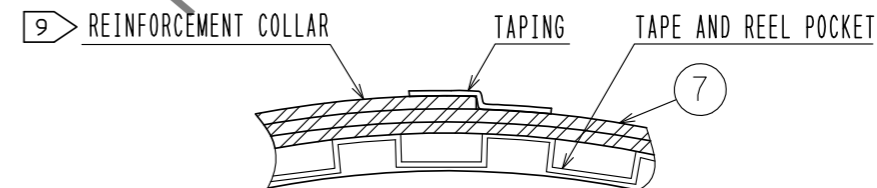
### STYLE AND DIMENTION OF REEL (FREE)



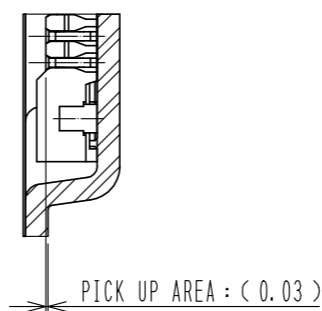
### DETAIL OF PART No. LABEL

SUPPLIER	
QUANTITY	
PART No.	
CODE No.	
DATE OF MANUFACTURED	
製造年月日	** ** *
製品コード	CL673-1225-5-53
製品名	BM15FR0.8-10DS-0.35V(53)
数量	1,000
納入者	ヒロセ電機(株)

### F-F (FREE)



### E(10:1)



- 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-355885-53-01
PART NO.	BM15FR0.8-10DS-0.35V(53)
CODE NO.	CL673-1225-5-53

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