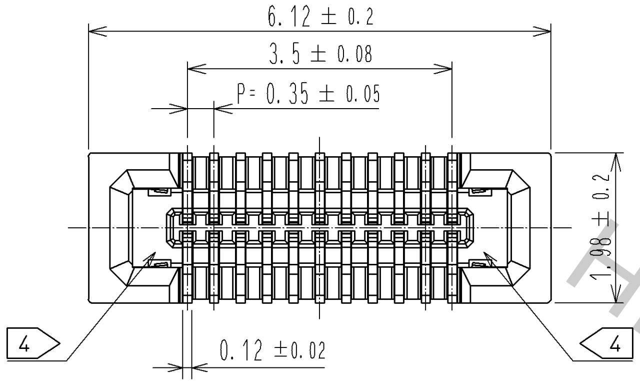
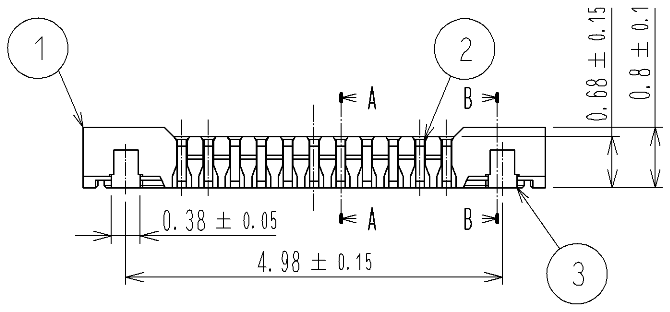
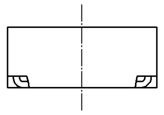
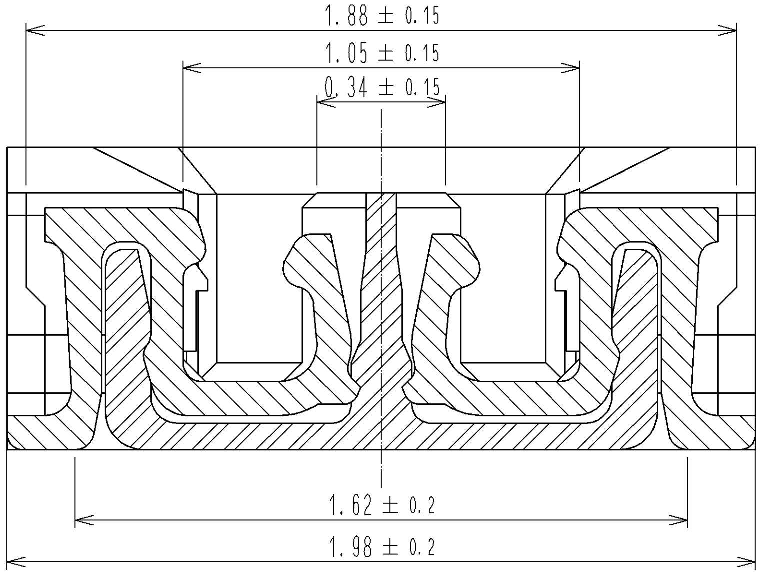


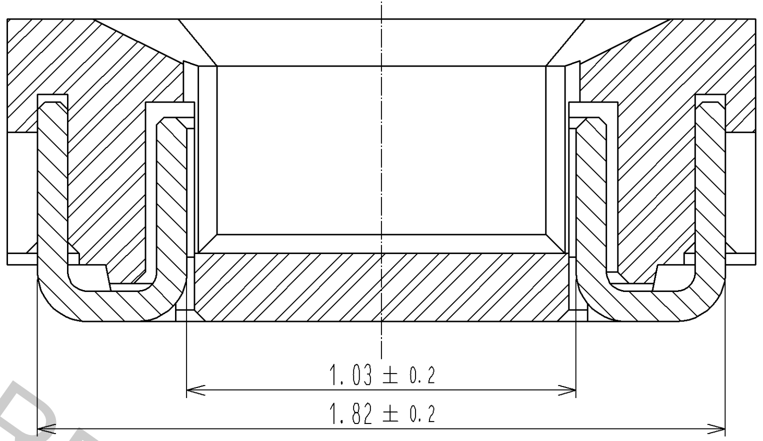




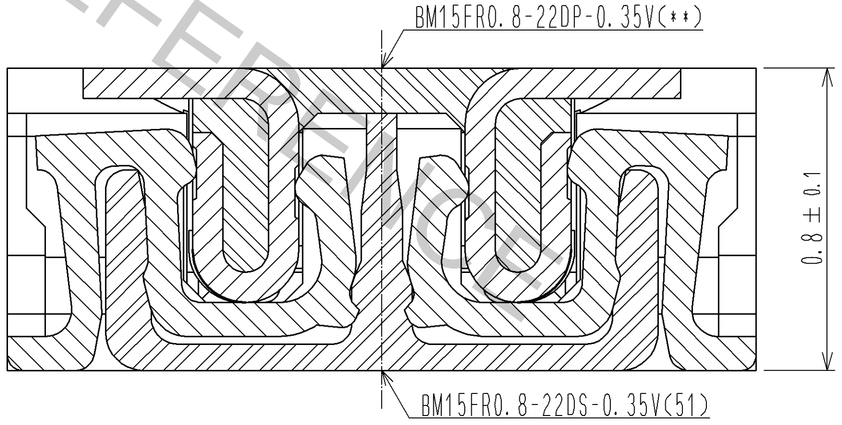
A-A (50:1)



B-B (50:1)



ENGAGEMENT FIGURE (50:1)



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
UNDERPLATING : NICKEL 1μm MIN
(SURFACE : SEALING)

3> REINFORCED METAL FITTINGS LOCK
SMT LEAD : GOLD 0.05μm MIN
UNDERPLATING : NICKEL 1μm 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
			△					

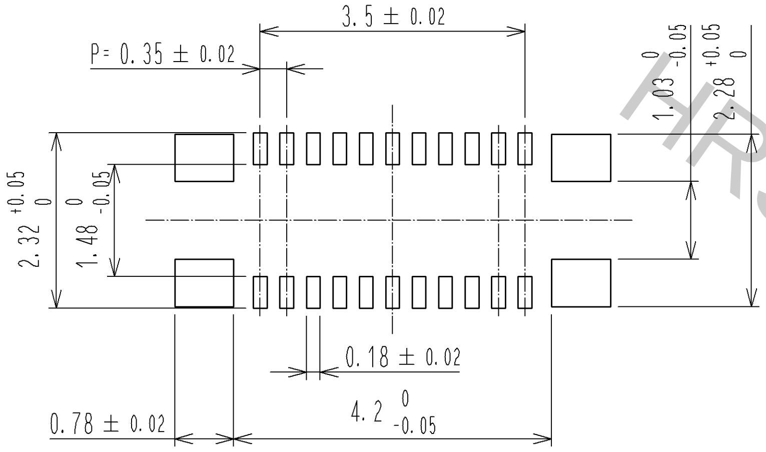
HIROSE
ELECTRIC
CO., LTD.

APPROVED	: KH. IKEDA	13.12.05
CHECKED	: YH. MICHIDA	13.12.05
DESIGNED	: YK. KOBAYASHI	13.12.02
DRAWN	: YK. KOBAYASHI	13.12.02

DRAWING NO. EDC3-352577-01
PART NO. BM15FR0.8-22DS-0.35V(51)
CODE NO. CL673-1220-1-51 △ 1/3

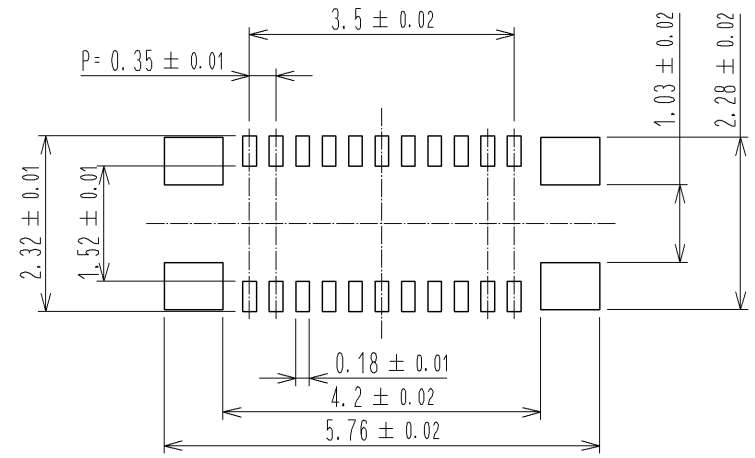
FORM HC0011-5-7

◆ RECOMMENDED PCB LAYOUT

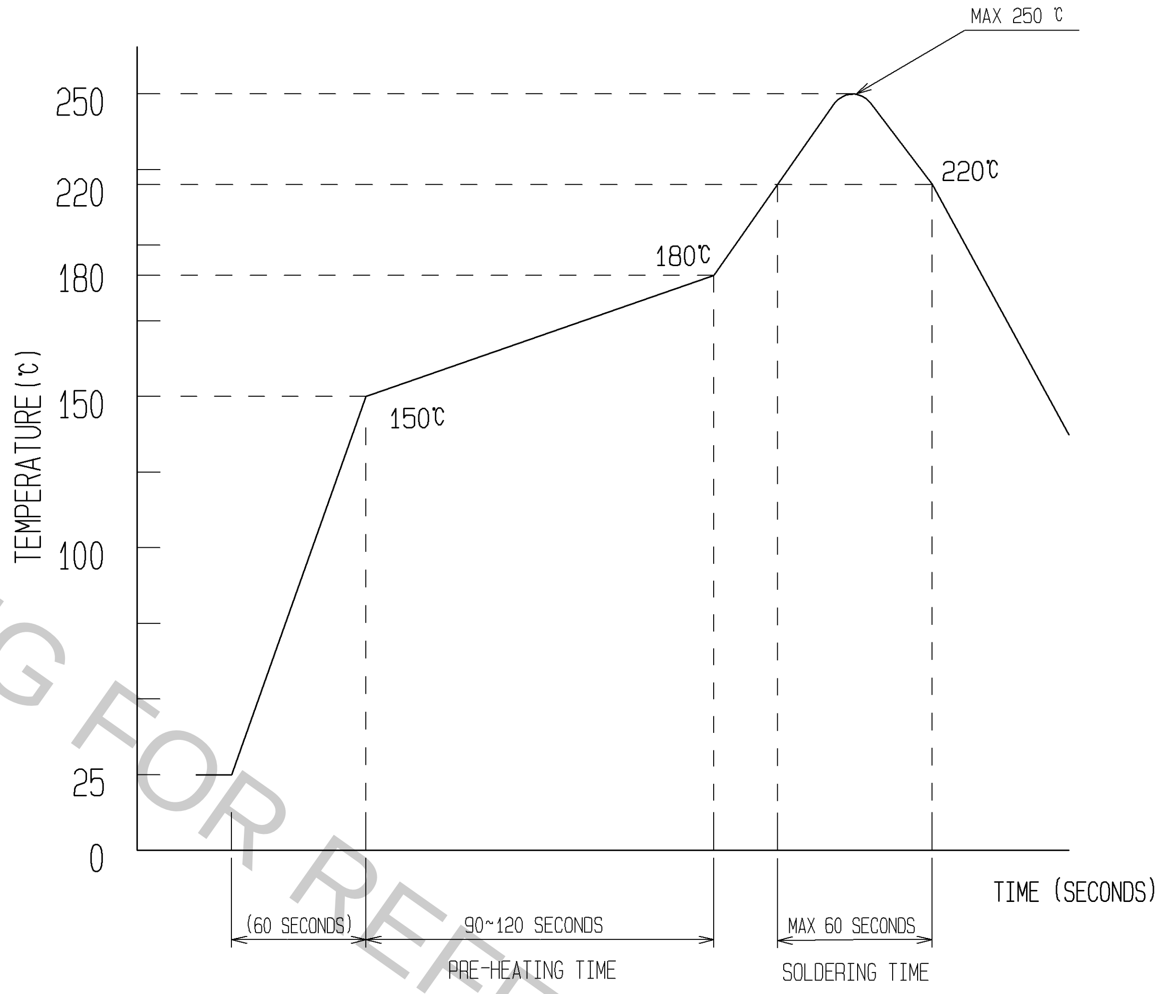


◆ RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS：100 μm



5 RECOMMENDED REFLOW TEMPERATURE PROFILE USING LEAD-FREE SOLDER PASTE.

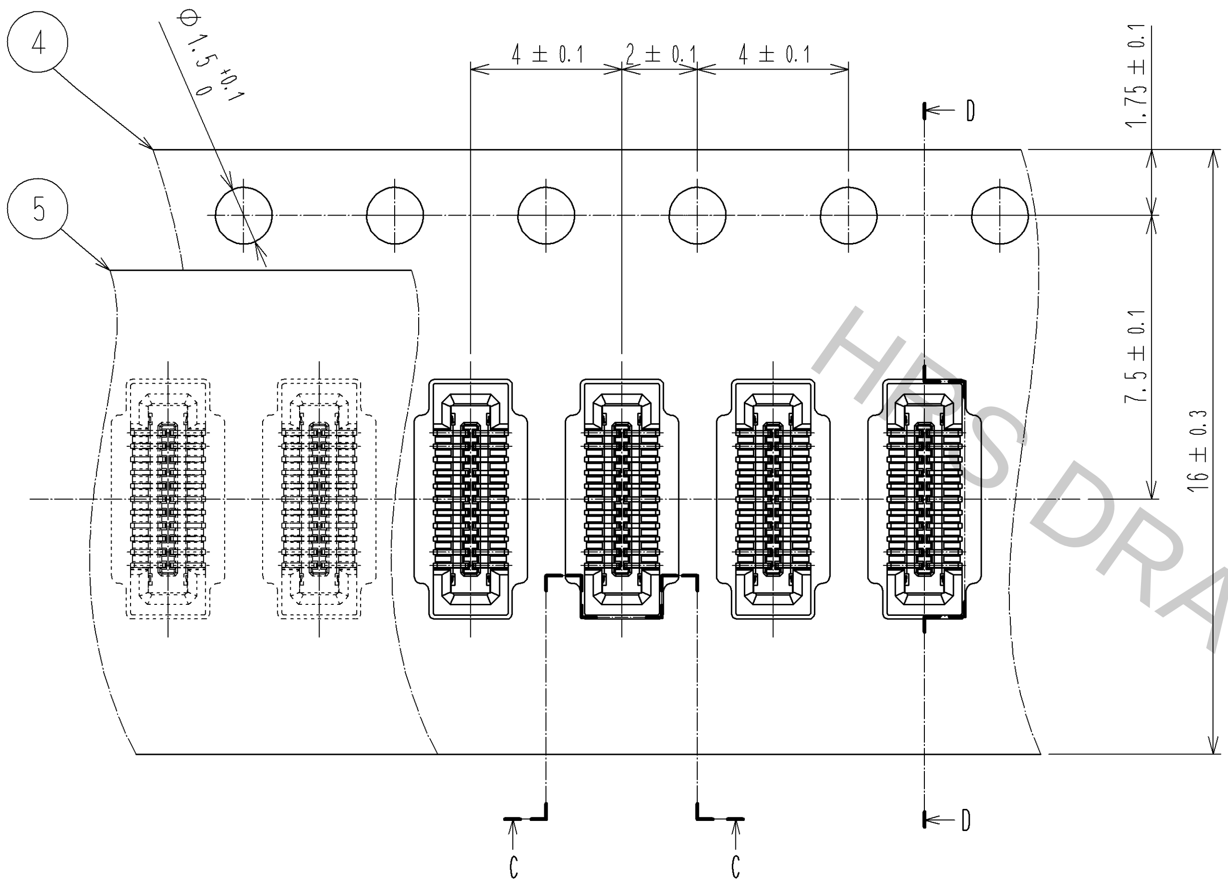


REFLOW METHOD: IR REFLOW
NUMBER OF REFLOW CYCLES: 2 CYCLES MAX.
1) REFLOW TIME
DURATION ABOVE 220℃, 60 SEC. MAX.
(PEAK TEMPERATURE: 250℃ MAX)
2) PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN): 150℃
PRE-HEAT TEMPERATURE(MAX): 180℃
PRE-HEAT TIME: 90-120 sec.

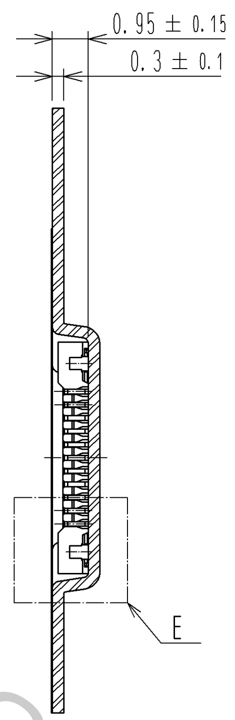
5 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDISIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS			
	DRAWING NO.	EDC3-352577-01	
	PART NO.	BM15FR0.8-22DS-0.35V(51)	
	CODE NO.	CL673-1220-1-51	△ 2/3

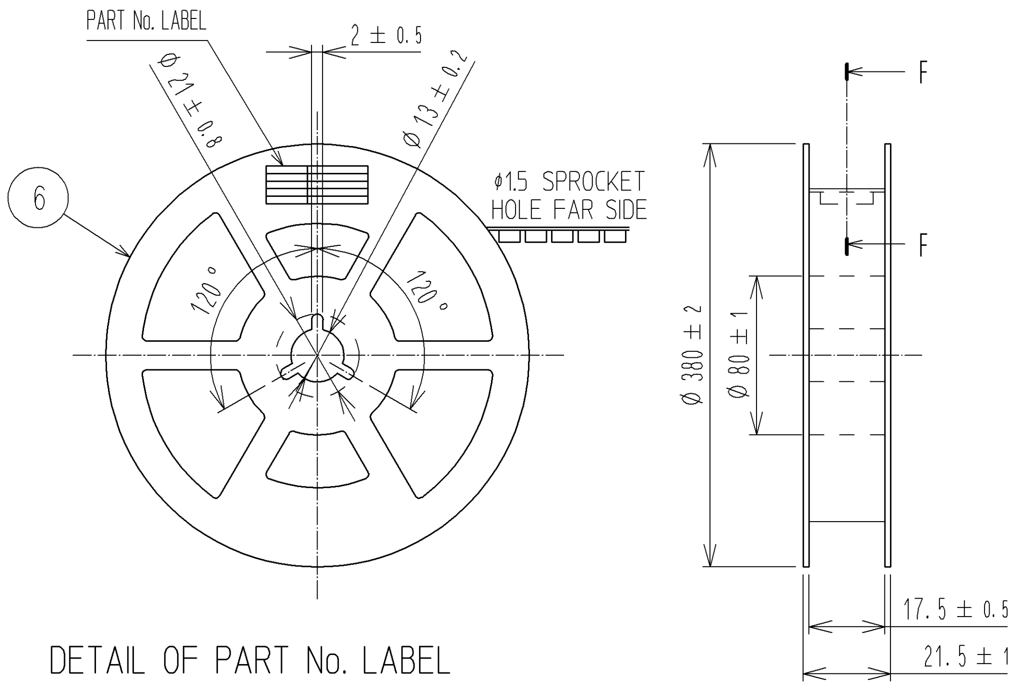
EMBOSSED CARRIER TAPE PACKAGING (5:1)



D-D (5:1)



STYLE AND DIMENTION OF REEL (FREE)



DIRECTION OF UNREELING

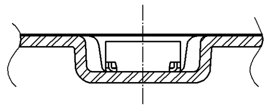
⇨

DETAIL OF PART No. LABEL

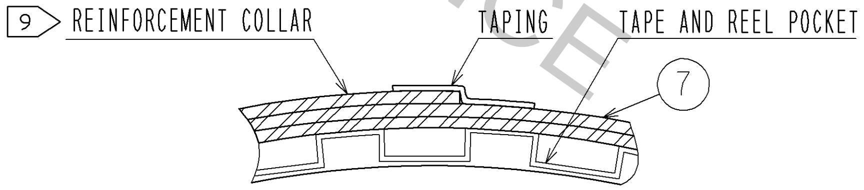
SUPPLIER
QUANTITY
PART No.
CODE No.
DATE OF MANUFACTURED

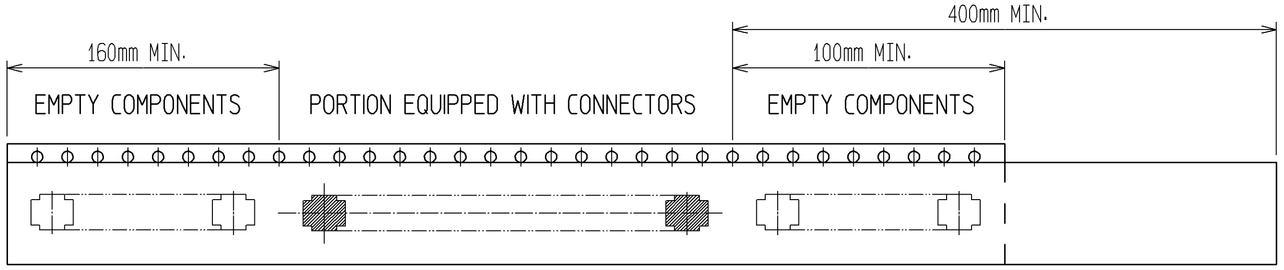
製造年月日	** ** **
製品コード	CL673-1220-1-51
製品名	BM15FR0.8-22DS-0.35V(51)
数量	15,000
納入者	ヒロセ電機(株)

C-C (5:1)



F-F (FREE)



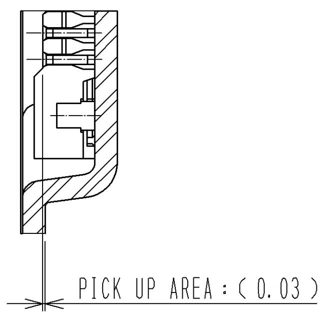


TRAILER

8 TAPING (FREE)

LEADER

E(10:1)



6. PER REEL 1,5000 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.	EDC3-352577-01	
	PART NO.	BM15FR0.8-22DS-0.35V(51)	
	CODE NO.	CL673-1220-1-51	△ 3/3