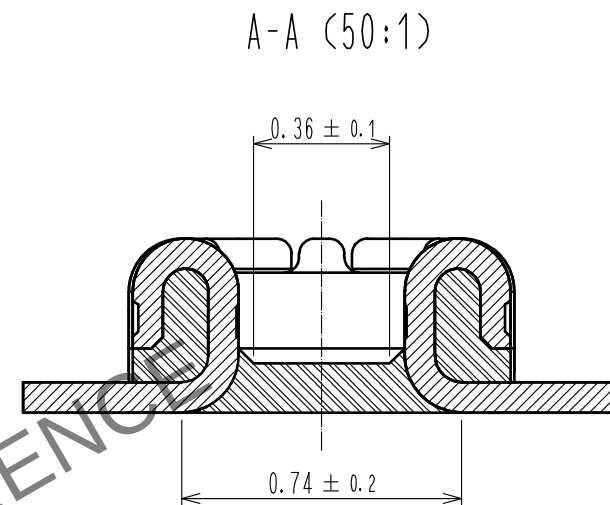
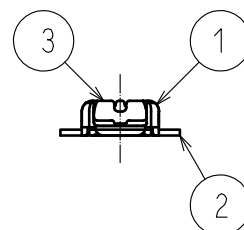
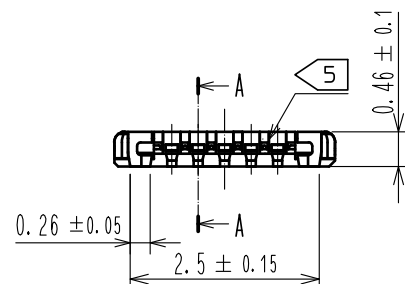
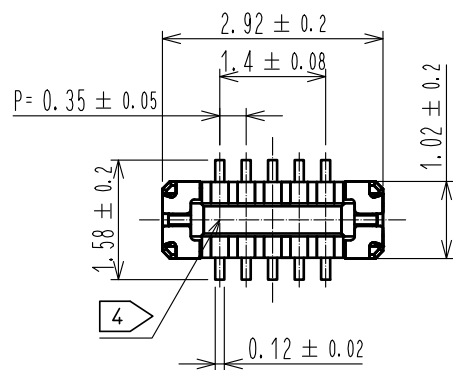
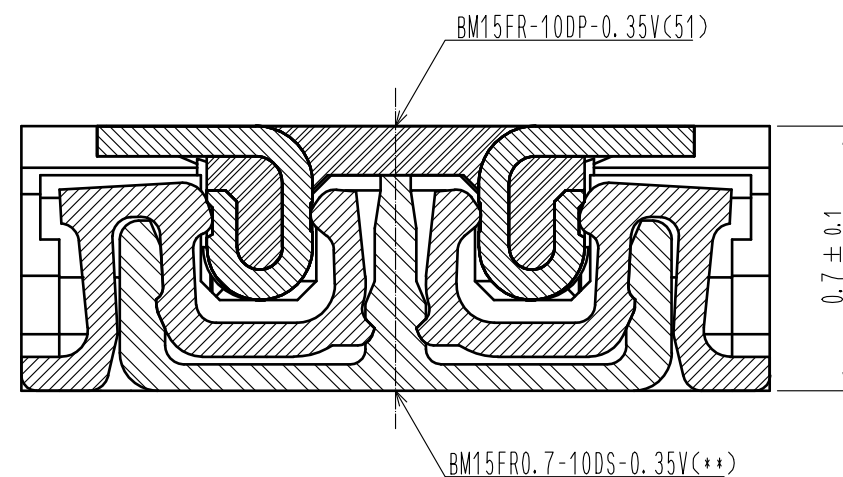


Apr.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



ENGAGEMENT FIGURE (50:1)

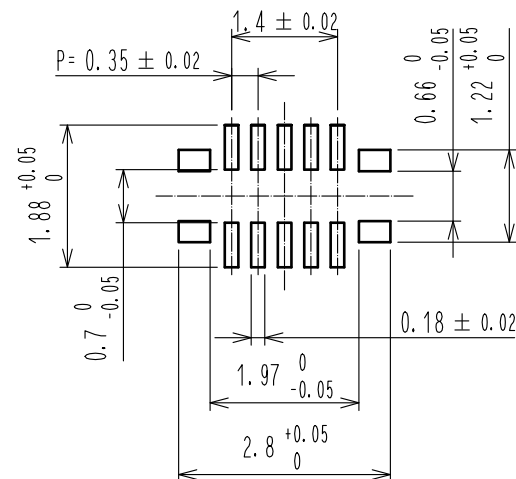


- NOTE) 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX
2 CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05 μ m MIN
SMT LEAD : GOLD 0.05 μ m MIN
UNDERPLATING : NICKEL 1 μ m MIN
(SURFACE : SEALING)
3 REINFORCED METAL FITTINGS LOCK
SMT LEAD : GOLD 0.05 μ m MIN
UNDERPLATING : NICKEL 1 μ m MIN
(SURFACE : SEALING)
4 CAV No. MAY BE INDICATED IN APPROX POSITION SHOWN.
5 A PART OF THE WALL COULD BE NOTCHED.

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 1	DESCRIPTION OF REVISIONS DIS-H-00001987	DESIGNED NY. YAMASHIRO
HIROSE ELECTRIC CO., LTD.		APPROVED : KH. IKEDA	14. 04. 03	DRAWING NO.	EDC3-357379-01
		CHECKED : YH. MICHIDA	14. 04. 03	PART NO.	BM15FR-10DP-0. 35V(51)
		DESIGNED : YK. KOBAYASHI	14. 04. 02	CODE NO.	CL0673-1272-5-51
		DRAWN : YK. KOBAYASHI	14. 04. 02		
					16. 08. 22

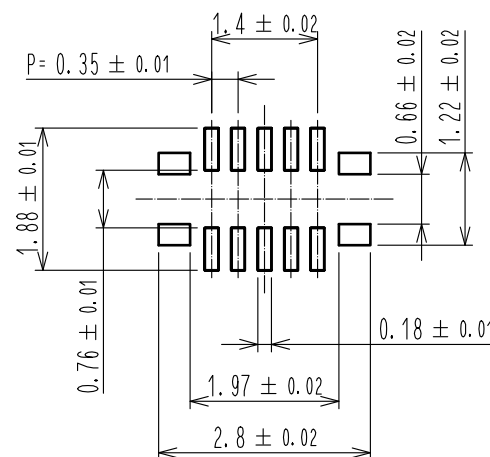
Apr.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

◆ RECOMMENDED PCB LAYOUT

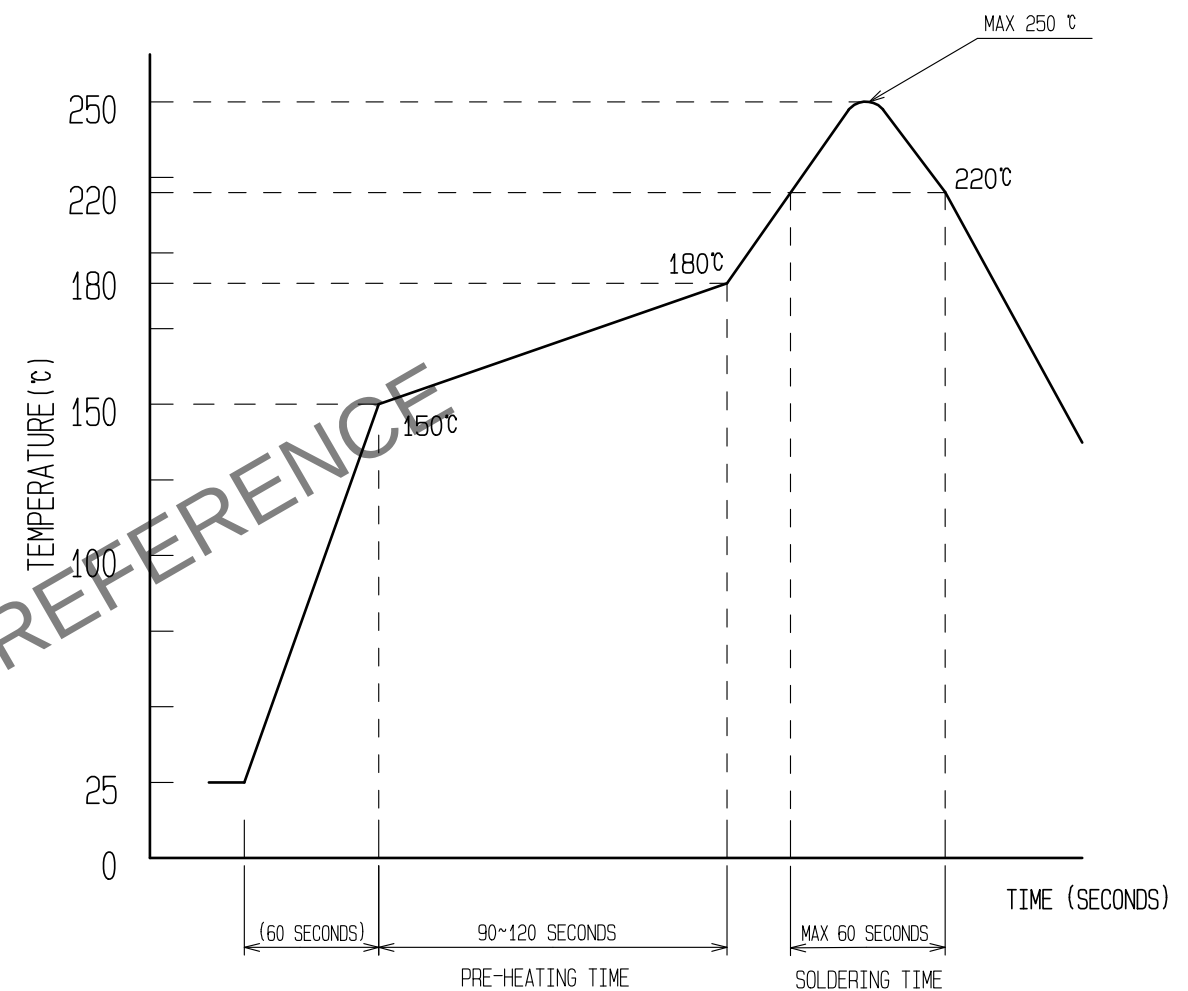


◆ RECOMMENDED METAL MASK DIMENSIONS

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



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.

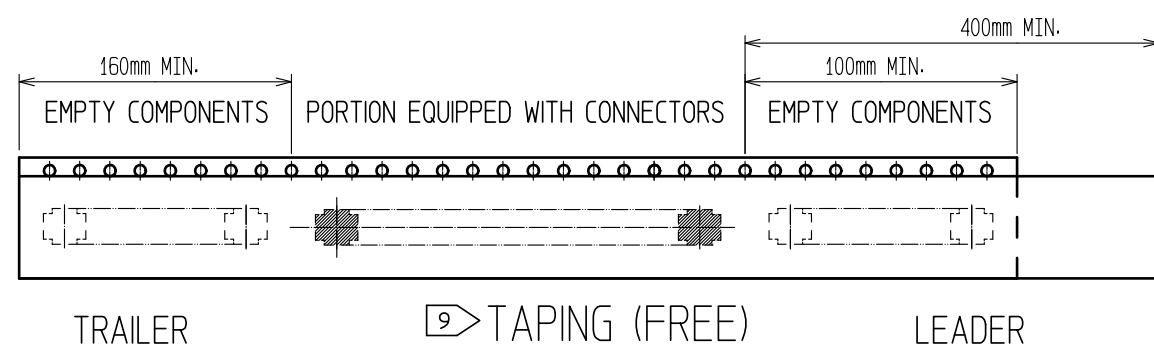
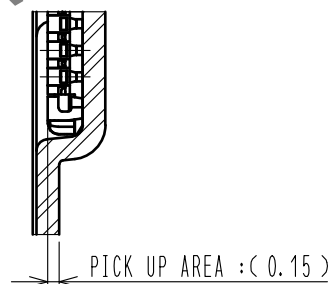
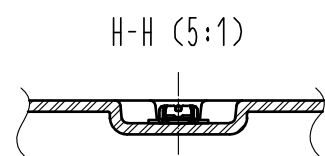
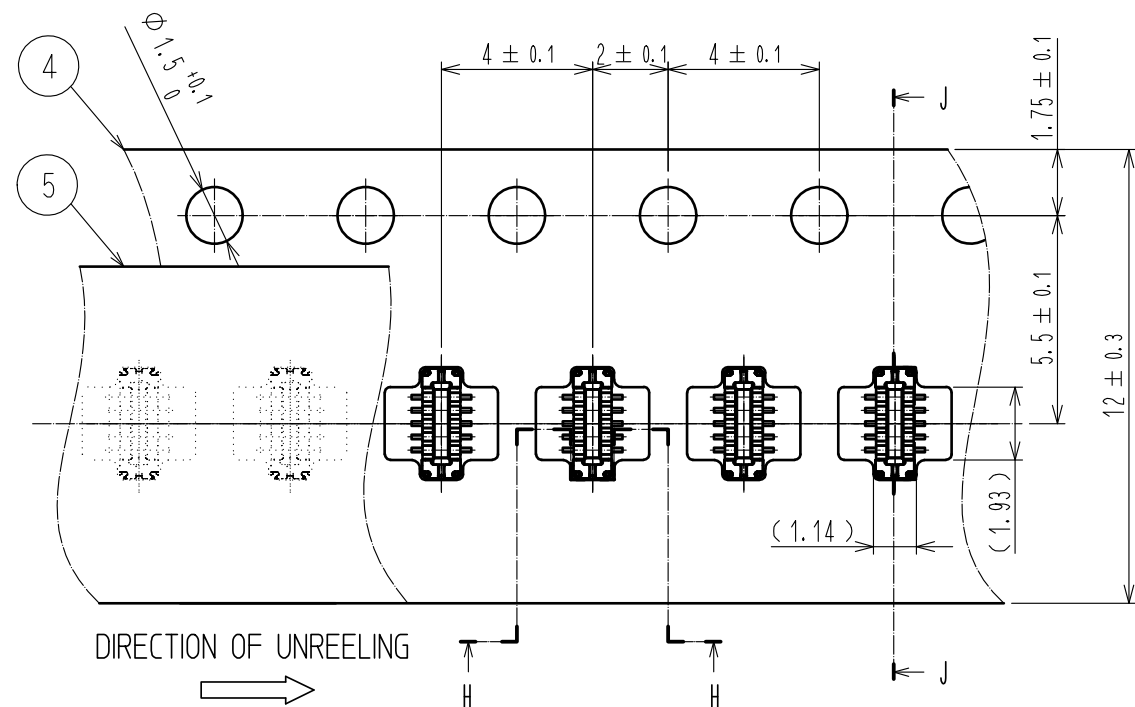
6 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE.
ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND
OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE, THEREFORE,
A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED
PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.

HRS

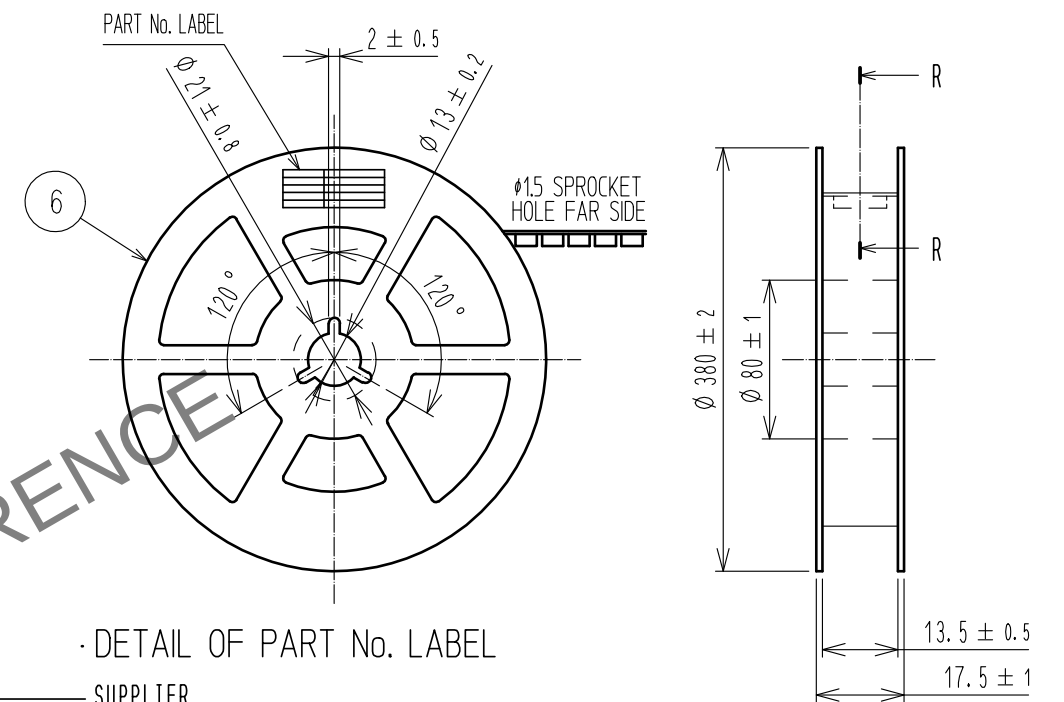
DRAWING NO.	EDC3-357379-01
PART NO.	BM15FR-10DP-0.35V(51)
CODE NO.	CL0673-1272-5-51

1/2/3

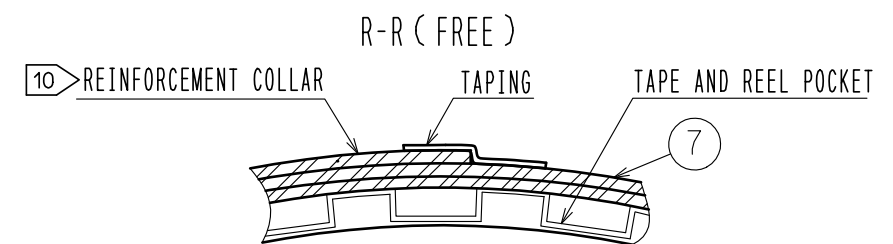
ENBOSSED CARRIER TAPE PACKAGING (5:1)



STYLE AND DIMENTION OF REEL (FREE)



SUPPLIER	
QUANTITY	
PART No.	
CODE No.	
DATE OF MANUFACTURED	
製造年月日	** ** *
製品コード	CL673-1272-5-51
製品名	BM15FR-10DP-0.35V(51)
数量	15,000
納入者	ヒロセ電機(株)



7. PER REEL 15000 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.	EDC3-357379-01
PART NO.	BM15FR-10DP-0.35V(51)
CODE NO.	CL0673-1272-5-51

3/3