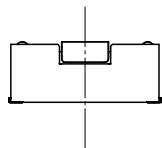
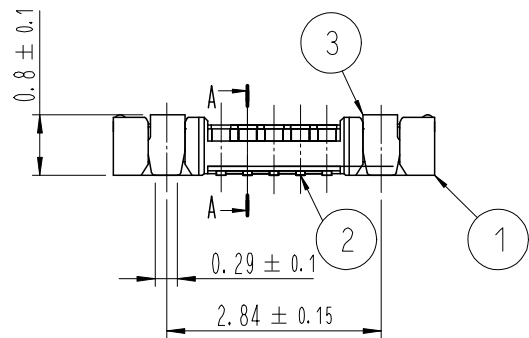
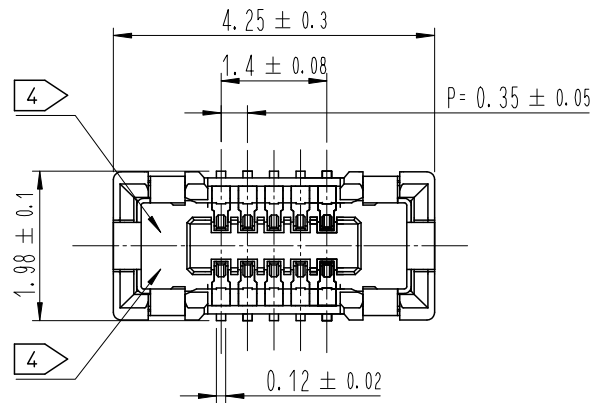


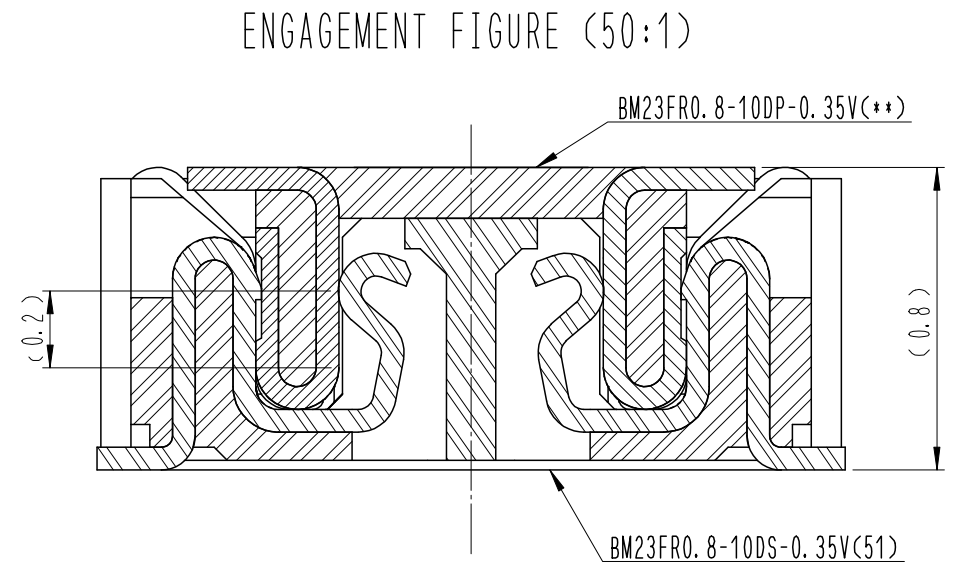
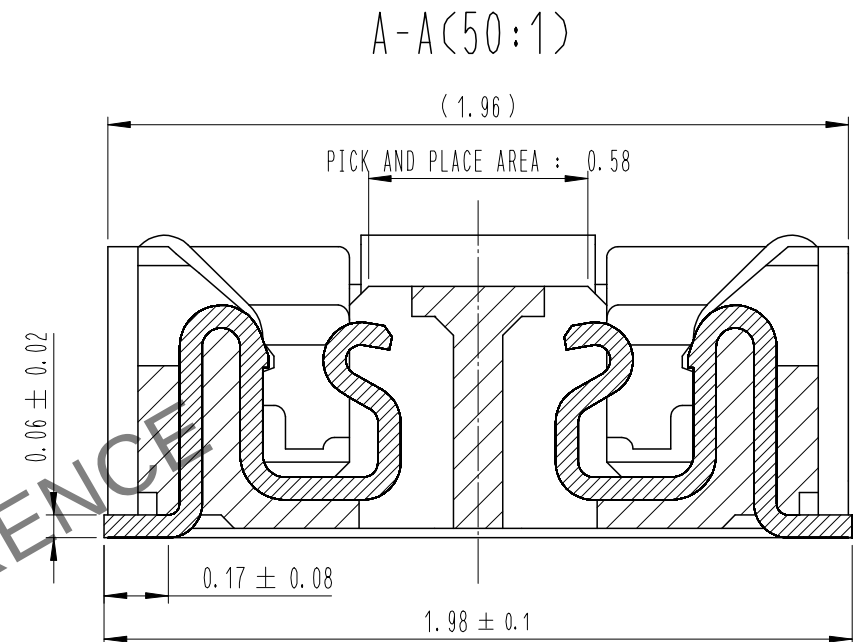
Apr.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.



DRAWING FOR REFERENCE
This is subject to change without notice

- 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. METAL FITTING PLATING SPECIFICATIONS.
SMT LEAD : GOLD 0.05 μ m MIN.
UNDERPLATING : NICKEL 1 μ m MIN.
(SURFACE : SEALING)
 - 4. HRS MARK AND CAV NO. IS INDICATED IN APPROX POSITION SHOWN.

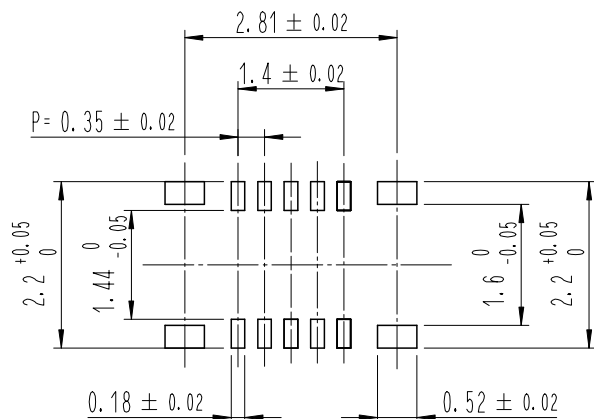
	COUNT	DESCRIPTION OF REVISIONS	B	Y	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	B	Y	CHKD	DATE
△	1	RE-6-0599	J.S.H	J.H.W		16. 01. 12	△						. . .
△						. . .	△						. . .
△						. . .	△						. . .



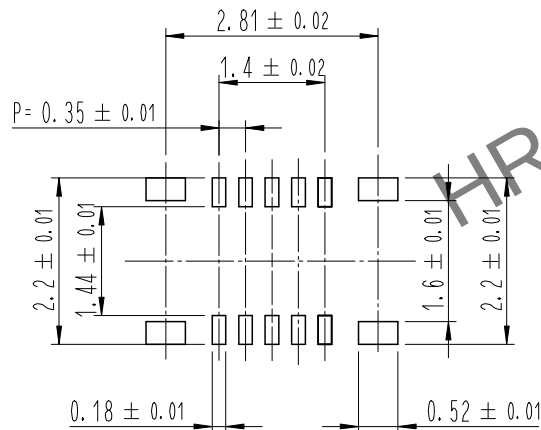
4	PS	CLEAR (EMBOSSED CARRIER TAPE)											
3	PHOSPHOR BRONZE	3											
2	PHOSPHOR BRONZE	2					6	PS	BLACK (PLASTIC REEL)				
1	LCP	UL94 V-0, BLACK					5	POLYESTER	CLEAR (COVER TAPE)				
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS								
REMARKS								DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED	
								Y. J. LEE	Y. J. LEE	H. W. JO	T. S. KANG	16.01.12	
								15.06.16	15.06.16	15.06.16	15.06.16		
CODE NO. (OLD)		DRAWING NO.	EDC3-631868					PART NO.	BM23FR0.8-10DS-0.35V(51)				
	SCALE 10:1	HRS HIROSE KOREA CO., LTD.						CODE NO	CL 6644-0020-1-051				
	UNITS mm												

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.

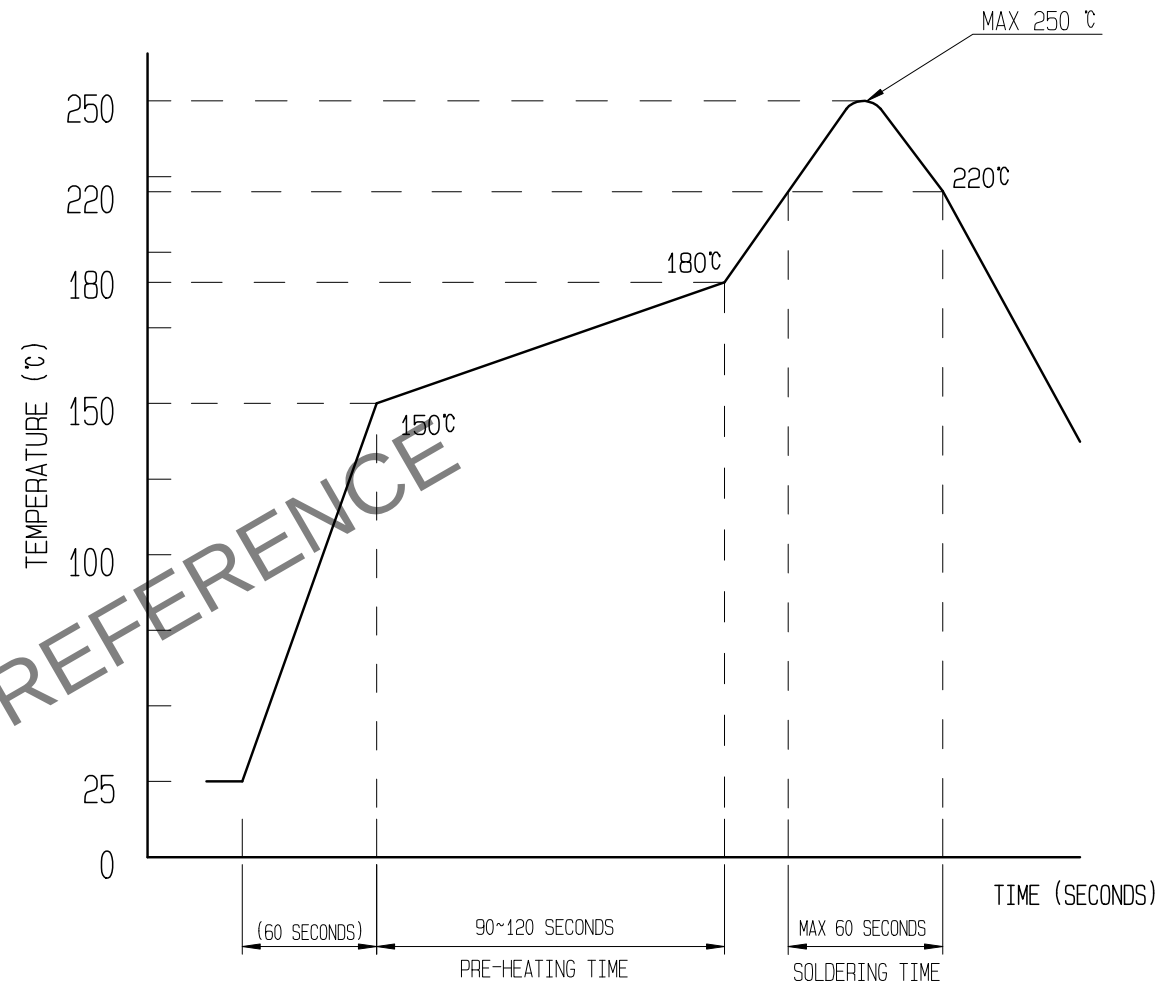
6 RECOMMENDED PCB LAYOUT



RECOMMENDED METAL MASK DIMENSIONS
MATAL MASK THICKNESS : 100 μm



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



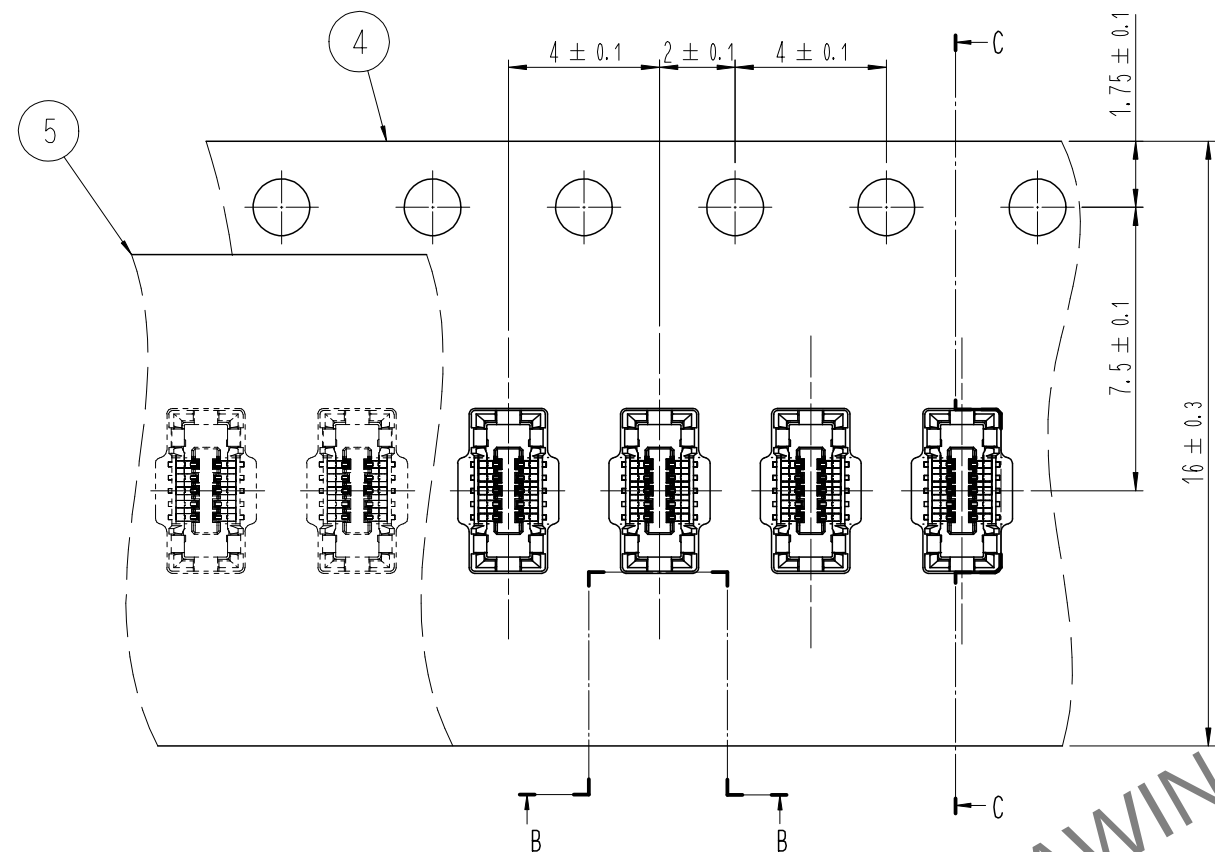
REFLOW METHOD:IR REFLOW
NUMBER OF REFLOW CYCLES:2 CYCLES MAX.
1)REFLOW TIME
DURATION ABOVE 220°C.60 SEC MAX.
(PEAK TEMPERATURE:250°C MAX)
2)PRE-HEAT TIME
PRE-HEAT TEMPERATURE(MIN):150°C
PRE-HEAT TEMPERATURE(MAX):180°C
PRE-HEAT TIME:90-120 SEC.

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.
6. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

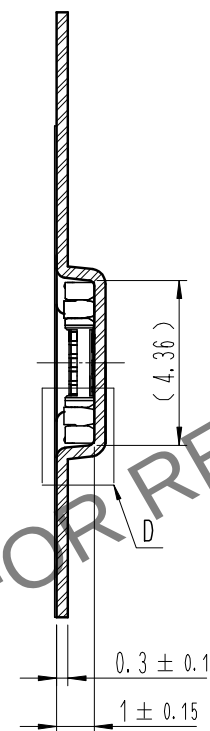
	DRAWING NO.	EDC3-631868	PART NO.	BM23FR0.8-10DS-0.35V(51)
	SCALE	10:1	CODE NO	CL 6644-0020-1-051
	UNITS	mm		

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.

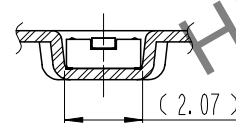
EMBOSSED CARRIER TAPE PACKAGING (5:1)



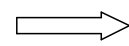
C-C (5:1)



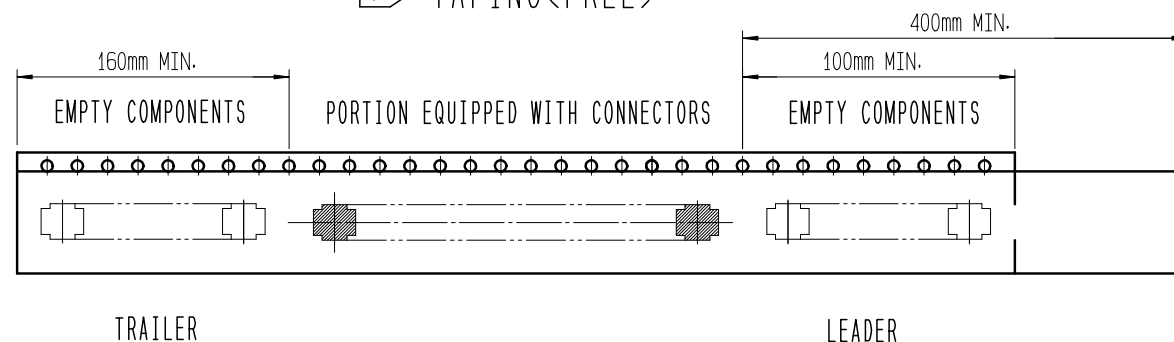
B-B (5:1)



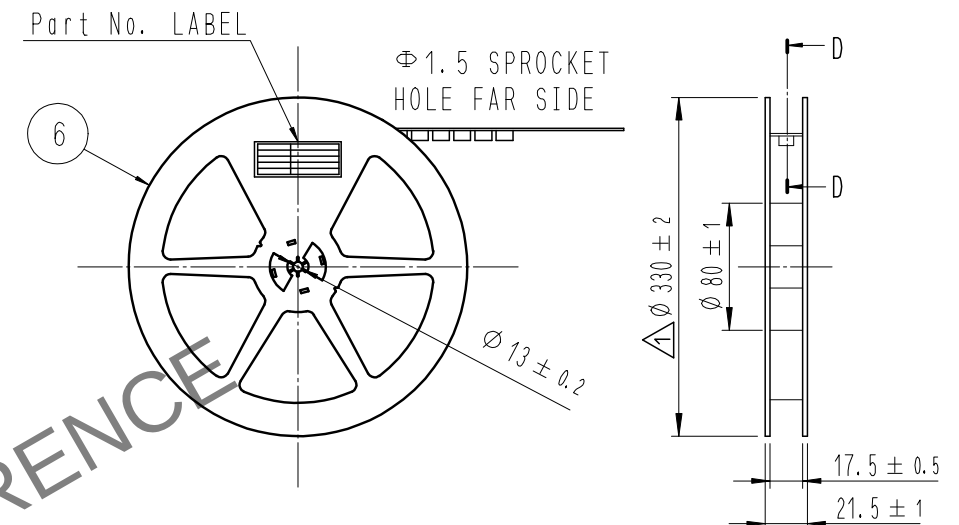
DIRECTION OF UNREELING



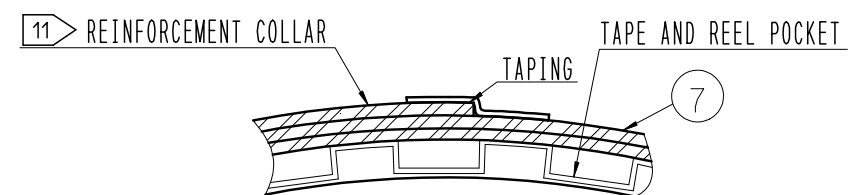
TAPING(FREE)



STYLE AND DIMENTION OF REEL (FREE)



E-E (FREE)



DETAIL OF PART No. LABEL

SUPPLIER	QUANTITY	PART NO.	CODE NO.	DATE OF MANUFACTURED
生産月日	年	月	日	
図番	**	**	**	
品名	BM23FR0.8-10DS-0.35V(51)			
納入数量	10,000個			
納入者	HIROSE KOREA			

8 . PER REEL 10,000 CONNECTORS.

9 . THE DIMENSIONS IN PARENTHESES ARE FOR REFERENCE.

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

11 . 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.

DRAWING NO.	EDC3-631868	PART NO.	BM23FR0.8-10DS-0.35V(51)
SCALE	10:1	CODE NO	CL 6644-0020-1-051
UNITS	mm		

HIROSE KOREA CO., LTD.