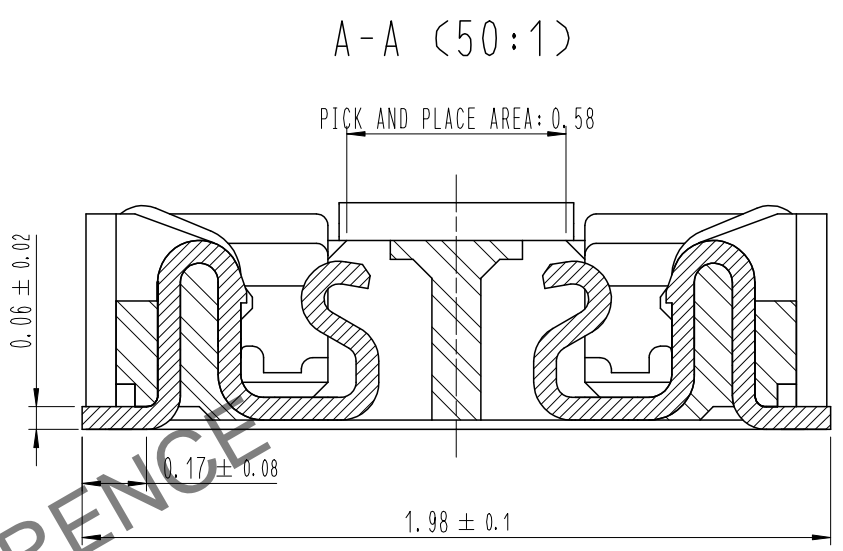
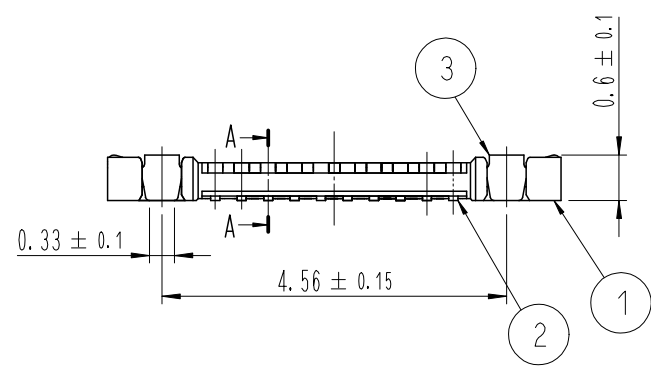
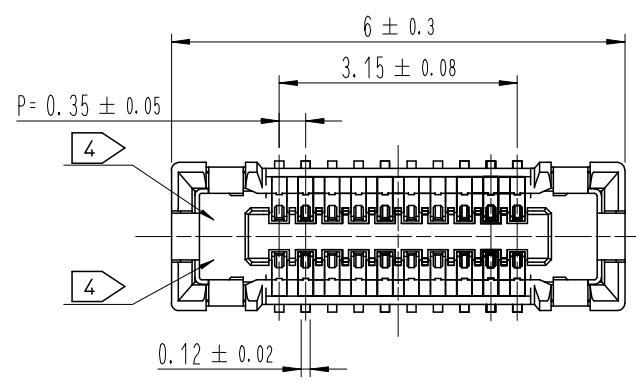


Dec.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

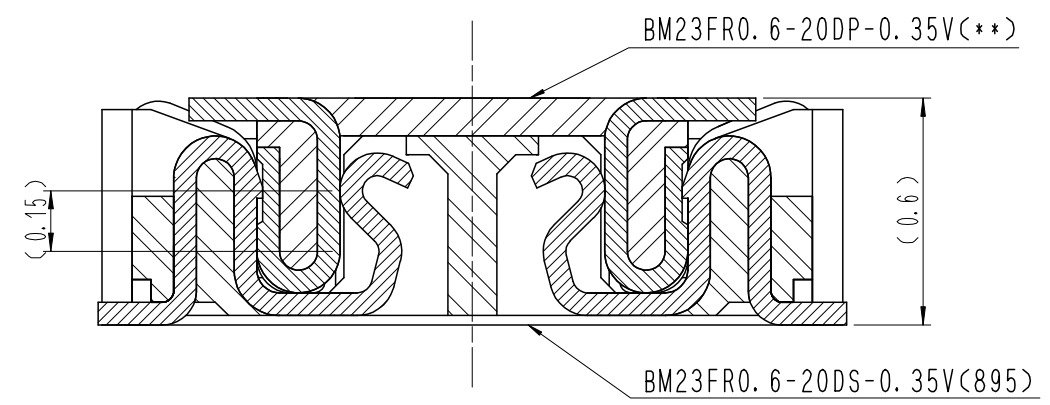
1 2 3 4 5 6 7 8

A
B
C
D
E
F

COUNT	DESCRIPTION OF REVISIONS	B	Y	CHKD	DATE	COUNT	DESCRIPTION OF REVISIONS	B	Y	CHKD	DATE
△						△					
△						△					
△						△					



ENGAGEMENT FIGURE (50:1)



DRAWING FOR REFERENCE
This is subject to change without notice

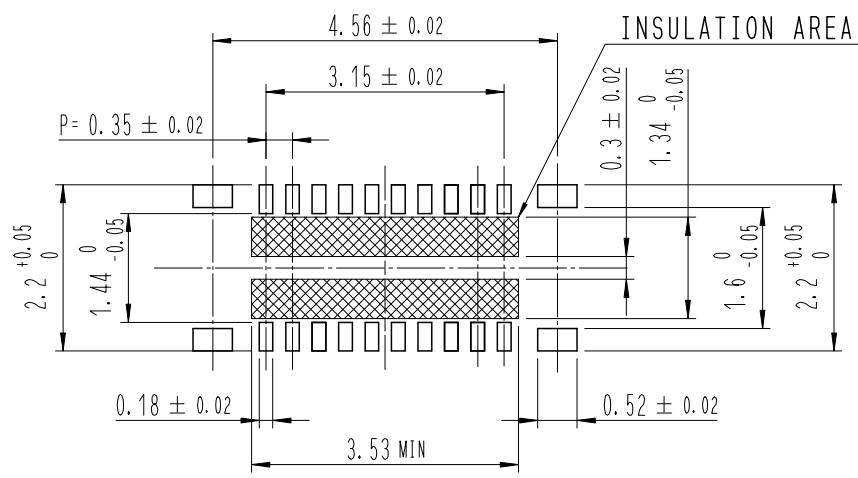
- NOTE
- 1 . ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.
 - ② CONTACT PLATING SPECIFICATIONS.
CONTACT AREA : GOLD 0.05 μm MIN.
SMT LEAD : GOLD 0.05 μm MIN.
UNDERPLATING : NICKEL 1 μm MIN.
(SURFACE : SEALING)
 - ③ MATA L FITTING PLATING SPECIFICATIONS.
SMT LEAD : GOLD 0.05 μm MIN.
UNDERPLATING : NICKEL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

4	PS	CLEAR (EMBOSSD CARRIER TAPE)				7	PS	CLEAR (REINFORCEMENT COLLAR)		
3	COPPER ALLOY	③				6	PS	BLACK (PLASTIC REEL)		
2	COPPER ALLOY	②				5	POLYESTER	CLEAR (COVER TAPE)		
1	LCP	UL94 V-0, BLACK								
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS					
REMARKS						DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
						S. H. JUNG	S. H. JUNG	H. W. JO	T. S. KANG	17.05.08
						17.05.08	17.05.08	17.05.08	17.05.08	
CODE NO. (OLD)			DRAWING NO. EDC3-631851			PART NO. BM23FR0.6-20DS-0.35V(895)				
SCALE 10:1			UNITS mm			CODE NO. CL 6644-0010-8-895				
HRS HIROSE KOREA CO.,LTD.						1/3				

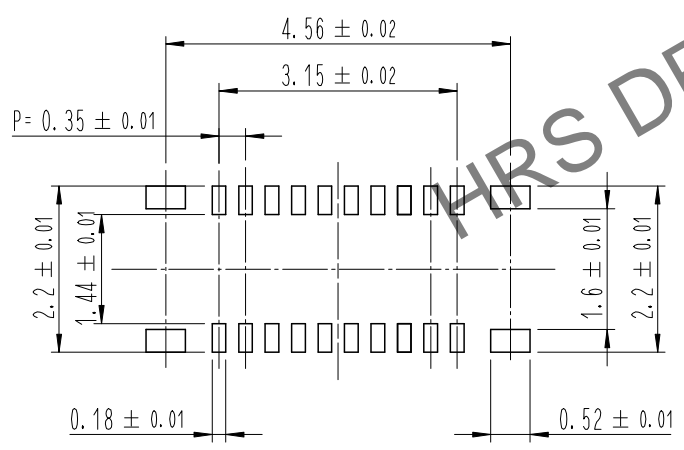
1 2 3 4 5 6 7 8

Dec.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.

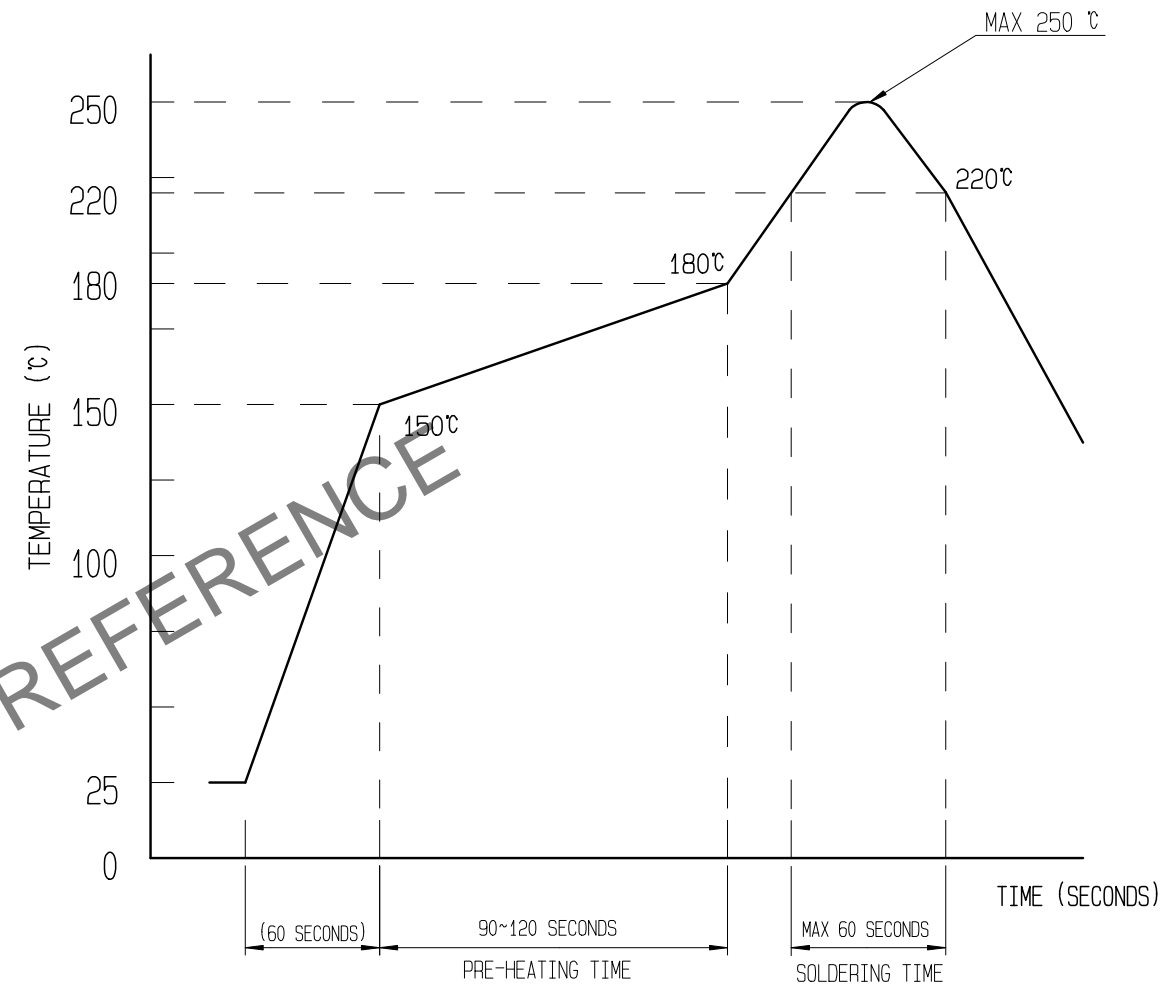
6 RECOMMENDED PCB LAYOUT



RECOMMENDED METAL MASK DIMENSIONS
MATAL MASK THICKNESS : 100 μm



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



REFLOW METHOD: N2 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.

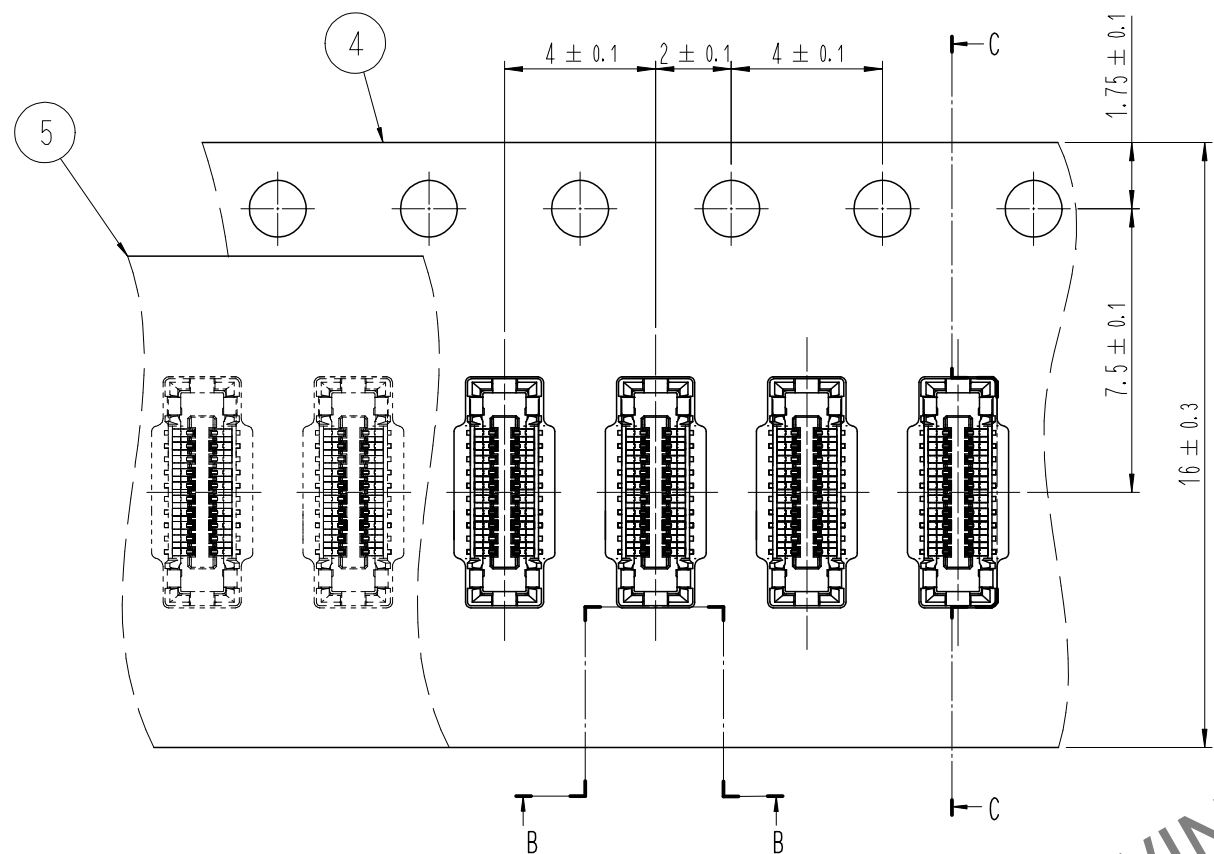
- 5 THIS TEMPERATURE PROFILE IS PER THE CONDITIONS SHOWN ABOVE. ADDITIONAL FACTORS, SUCH AS SOLDER PASTE TYPE, PCB SIZE AND OTHER MOUNTED COMPONENTS COULD AFFECT THE PROFILE. THEREFORE, A THOROUGH EVALUATION OF MOUNTING CONDITION IS REQUIRED PRIOR TO PRODUCTION. TEMPERATURE IS MEASURED AT CONTACT LEAD.
- 6 PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

	DRAWING NO.	EDC3-631851	PART NO.	BM23FR0.6-20DS-0.35V(895)	
	SCALE	10:1	CODE NO	CL 6644-0010-8-895	2/3
UNITS	HRS HIROSE KOREA CO., LTD.				

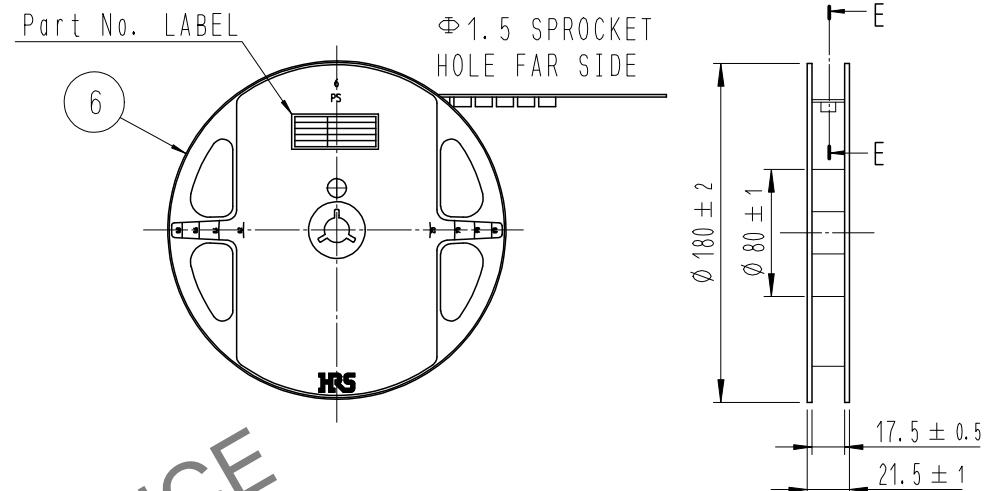
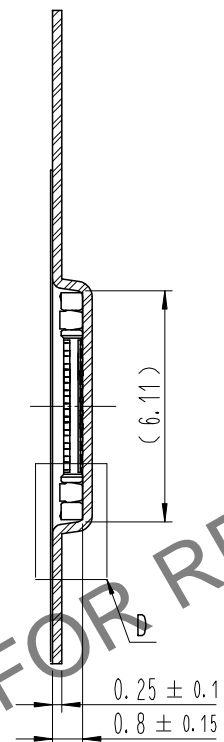
Dec.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

STYLE AND DIMENTION OF REEL (FREE)

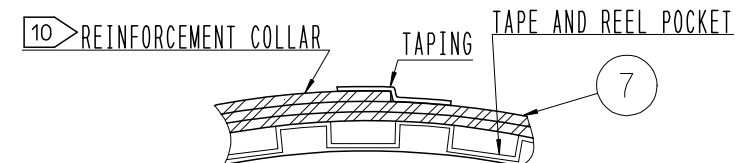
EMBOSSED CARRIER TAPE PACKAGING (5:1)



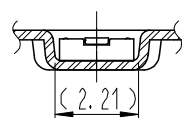
C-C (5:1)



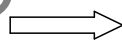
E-E (FREE)



B-B (5:1)

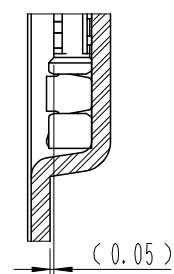


DIRECTION OF UNREELING



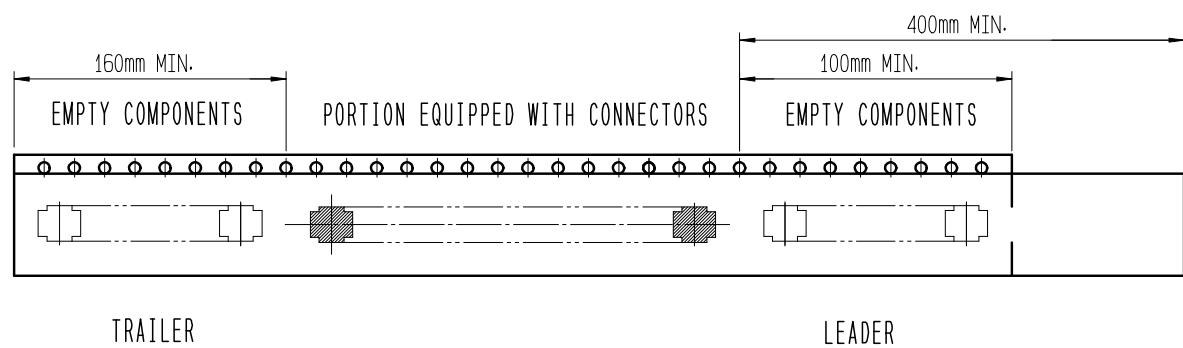
TAPING (FREE)

D (10:1)



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	BM23FR0.6-20DS-0.35V(895)
—	納入数量	1,000個
—	納入者	HIROSE KOREA



- 7 . PER REEL 1,000 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.

	DRAWING NO.	EDC3-631851	PART NO.	BM23FR0.6-20DS-0.35V(895)
	SCALE	10:1	CODE NO	CL 6644-0010-8-895
UNITS	HRS HIROSE KOREA CO., LTD.			3/3