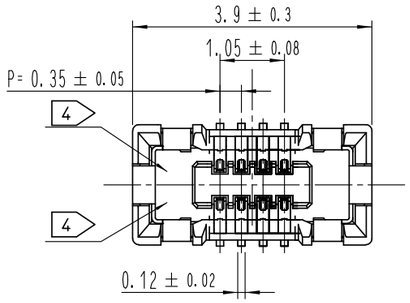
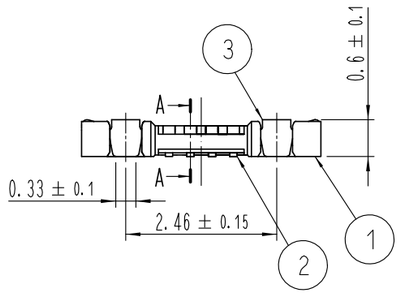
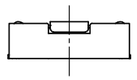
Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

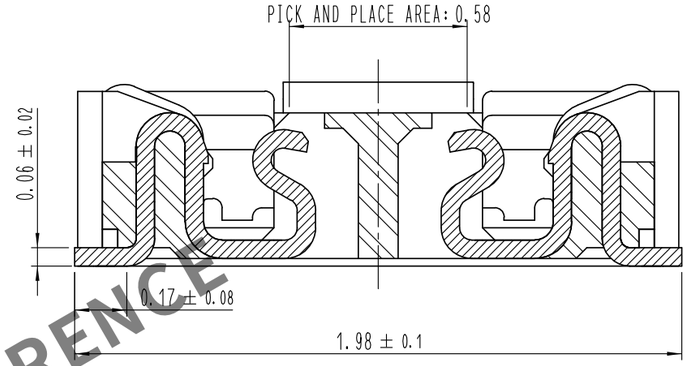
	COUNT	DESCRIPTION OF REVISIONS	B Y	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	B Y	CHKD	DATE
⚠	3	RE-6-0649	J.S.H	J.H.W	16 . 06 . 23	△					. .
△					. .	△					. .
△					. .	△					. .



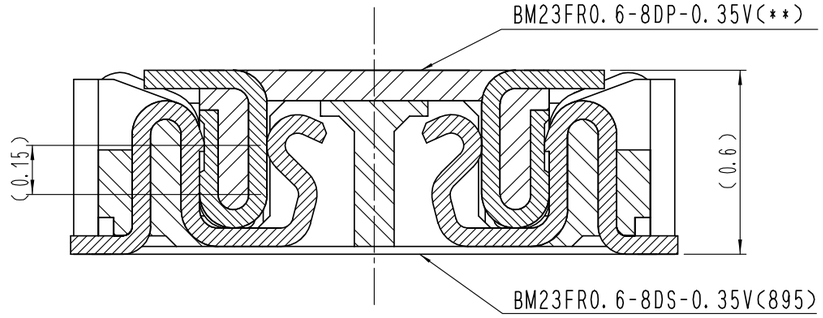




A-A (50:1)



ENGAGEMENT FIGURE (50:1)



HRS DRAWING FOR REFERENCE

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. MATAL FITTING PLATING SPECIFICATIONS.
SMT LEAD : GOLD 0.05μm MIN.
UNDERPLATING : NICKEL 1μm MIN.
(SURFACE : SEALING)
4. HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
4	PS	CLEAR (EMBOSSED 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)

REMARKS

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
J. S. PARK 17. 08. 09	J. S. PARK 17. 08. 09	H. W. JO 17. 08. 09	T. S. KANG 17. 08. 09	17. 08. 09

CODE NO. (OLD)

SCALE 10:1

UNITS mm

DRAWING NO. EDC3-632161

HRS HIROSE KOREA CO., LTD.

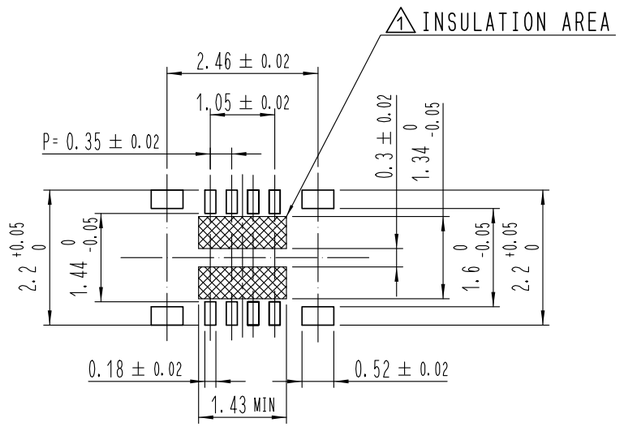
PART NO. BM23FR0.6-8DS-0.35V(895)

CODE NO CL 6644-0075-3-895

1/3

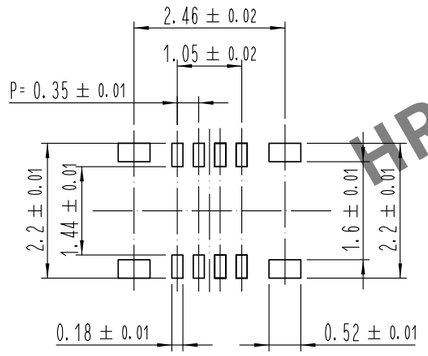
Mar.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

6 ◈RECOMMENDED PCB LAYOUT

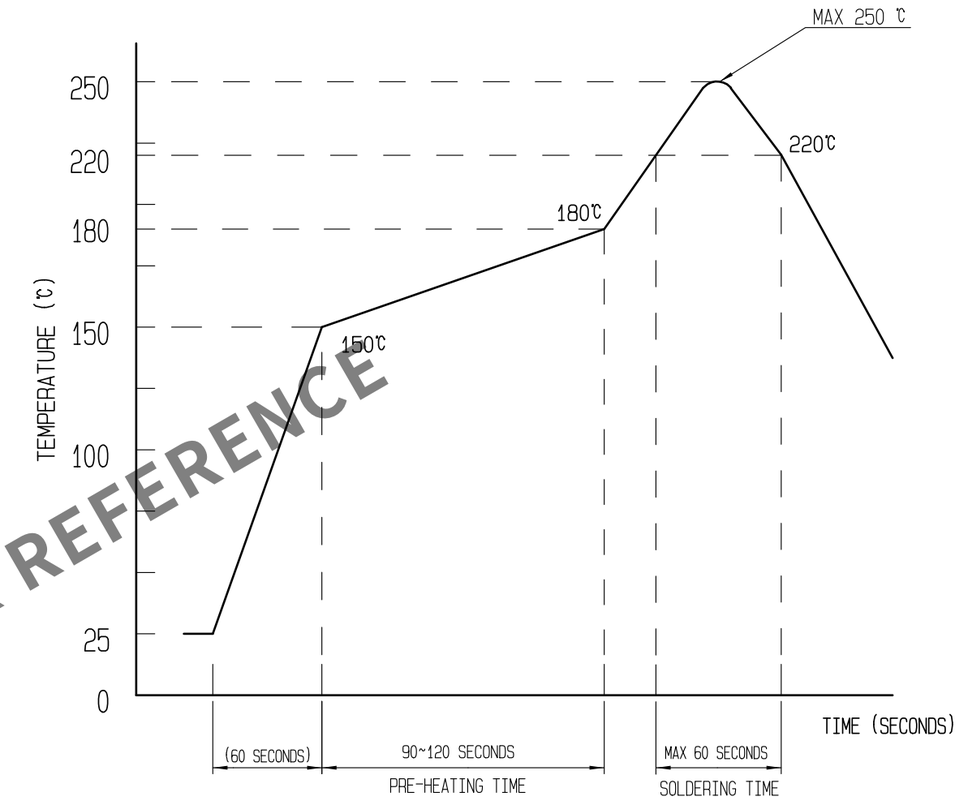


◈RECOMMENDED METAL MASK DIMENSIONS

MATAL MASK THICKNESS : 100μm



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



REFLOW METHOD:N_2 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.

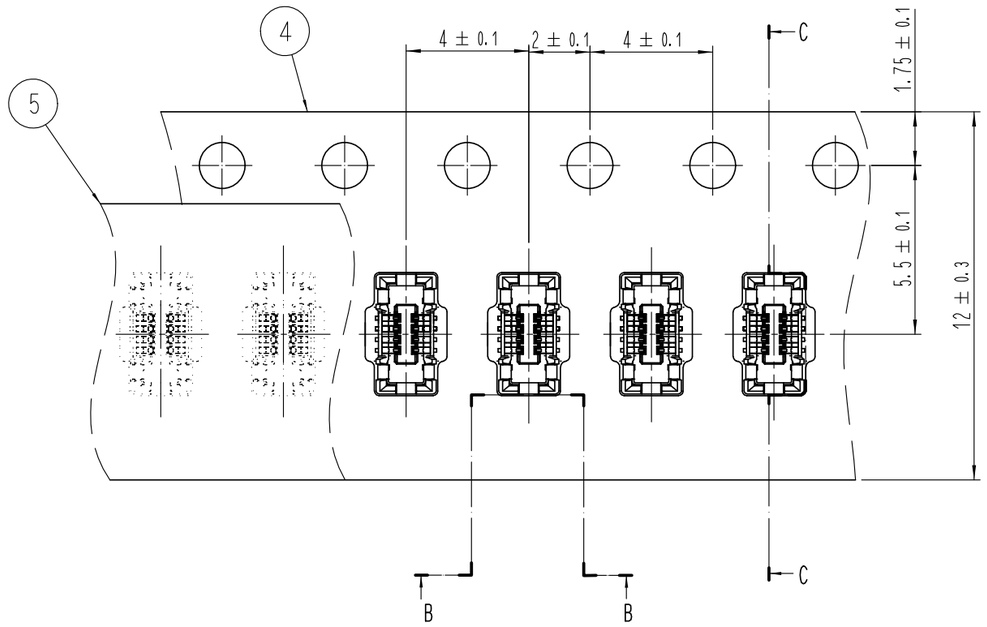
6. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

HRS DRAWING FOR REFERENCE

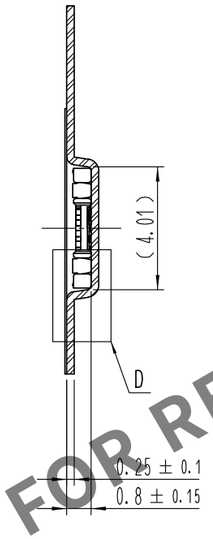
SCALE 10:1 UNITS mm	DRAWING NO. EDC3-632161	PART NO. BM23FR0.6-8DS-0.35V(895)
	HRS HIROSE KOREA CO., LTD.	CODE NO CL 6644-0075-3-895 2/3

Mar.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.

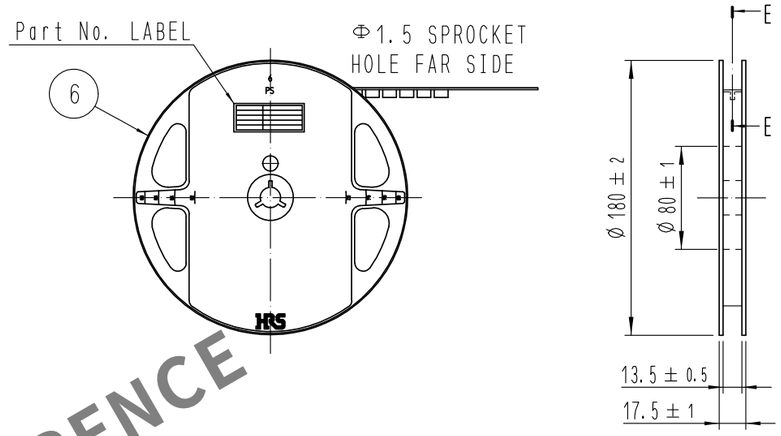
EMBOSSED CARRIER TAPE PACKAGING (5:1)



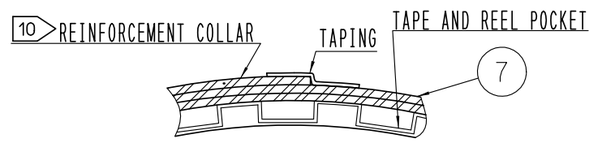
C-C (5:1)



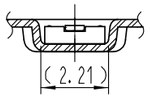
STYLE AND DIMENTION OF REEL (FREE)



E-E (FREE)

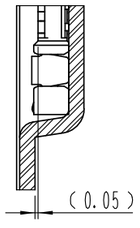


B-B (5:1)

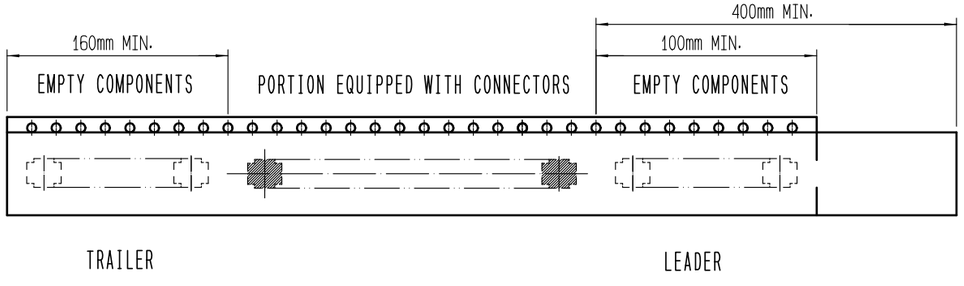


DIRECTION OF UNREELING

D (10:1)



9 TAPING(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	BM23FR0.6-8DS-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.

HRS DRAWING FOR REFERENCE

SCALE 10:1	DRAWING NO. EDC3-632161	PART NO. BM23FR0.6-8DS-0.35V(895)
UNITS mm	HRS HIROSE KOREA CO., LTD.	CODE NO CL 6644-0075-3-895 3/3