

BM20B(0.8)-40DS-0.4V(51)

A schematic cross-section of a three-chambered heart. It consists of a central ventricle and two side atria. The ventricle has a circular opening in its center, and a vertical line passes through this opening, extending above and below the heart structure.

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. METAL 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.

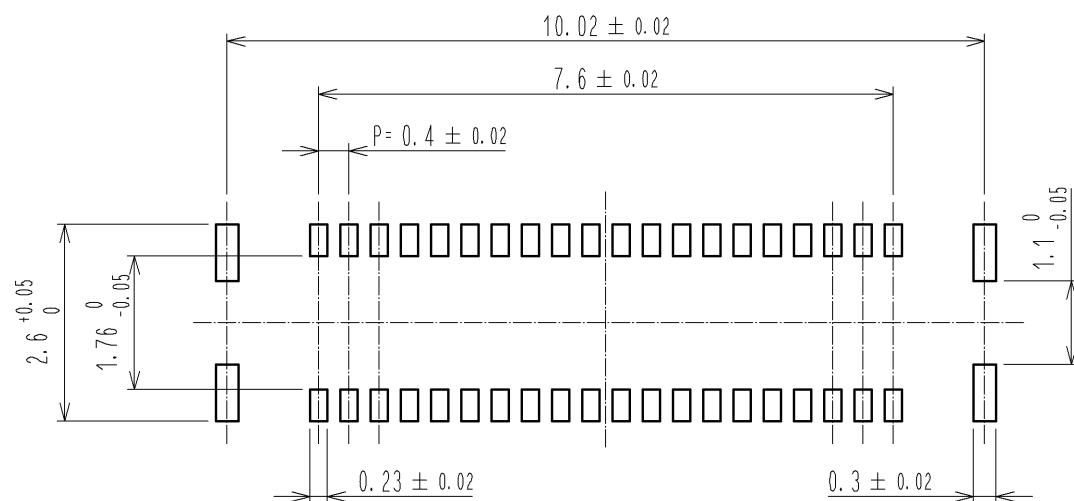
5. GATE POSITION IS INDICATED IN APPROX POSITION SHOWN.

4	PS	CLEAR (EMBOSSED CARRIER TAPE)					
3	BRASS	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		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
		10 : 1						

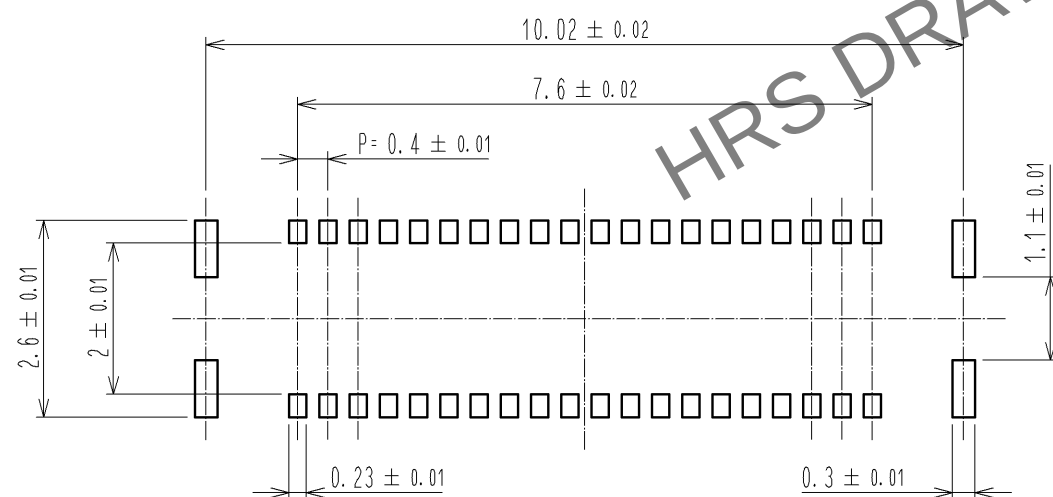
HIROSE ELECTRIC CO., LTD.	APPROVED : KH. IKEDA	12. 03. 15	DRAWING NO.	EDC3-332318-01	
	CHECKED : TS. MIYAZAKI	12. 03. 15	PART NO.	BM20B<0.8>-40DS-0.4V<51>	
	DESIGNED : YK. SATAKE	12. 03. 14	CODE NO.	CL684-9012-1-51	
	DRAWN : KR. AJITO	12. 03. 14		1/3	

◆RECOMMENDED PCB LAYOUT

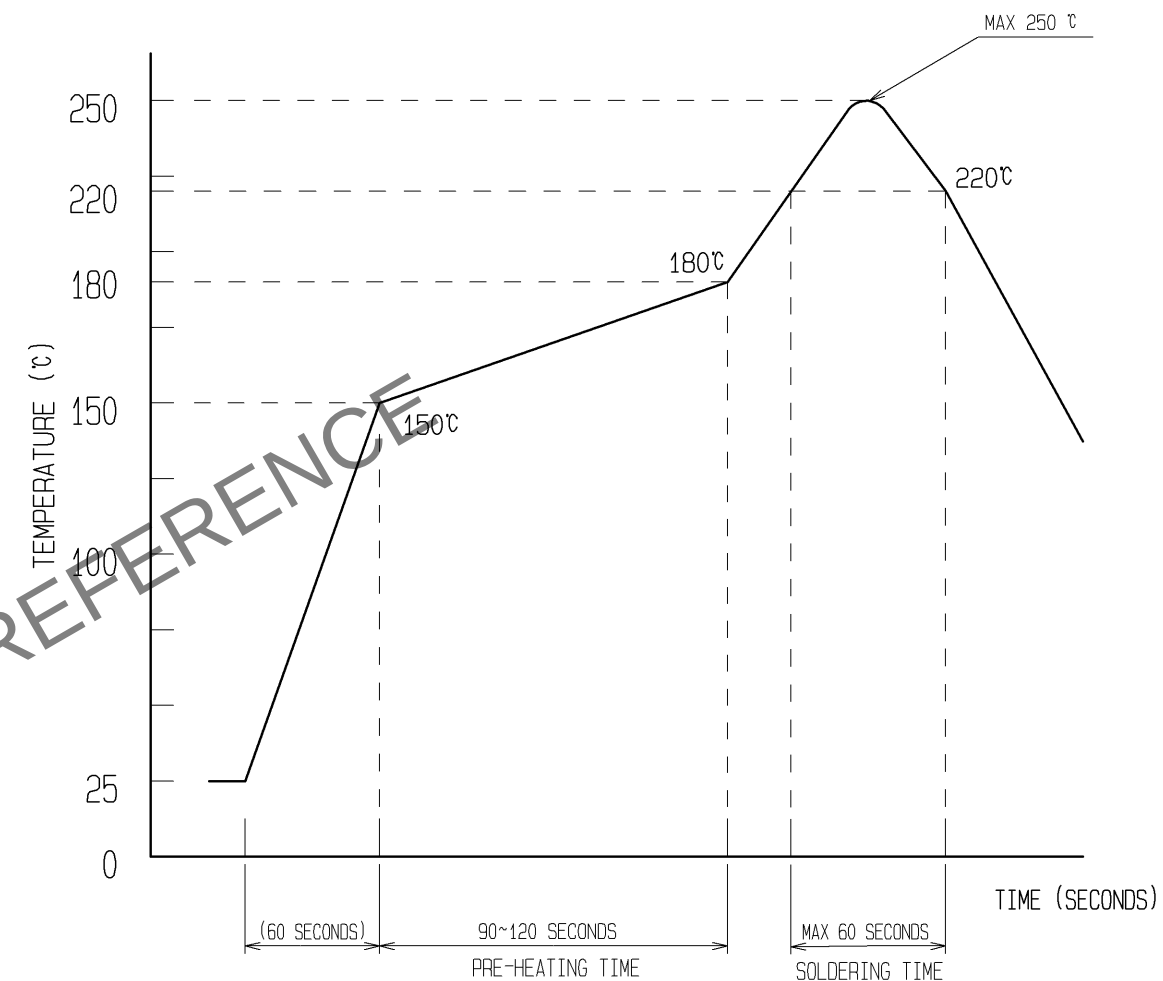


◆RECOMMENDED METAL MASK DIMENSIONS

MATAL 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 THE 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.

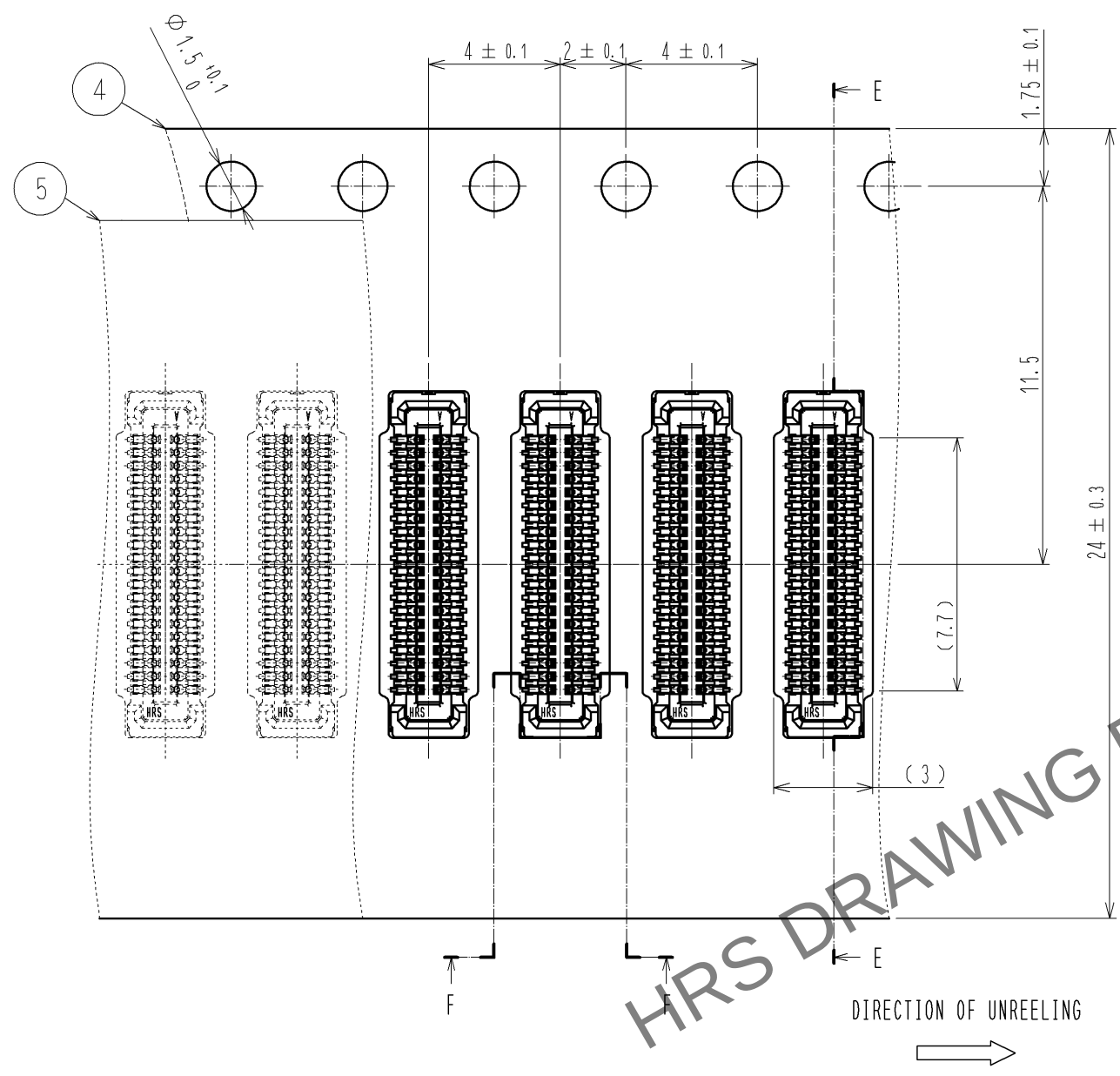
HRS

DRAWING NO.	EDC3-332318-01
PART NO.	BM20B(0.8)-40DS-0.4V(51)
CODE NO.	CL684-9012-1-51

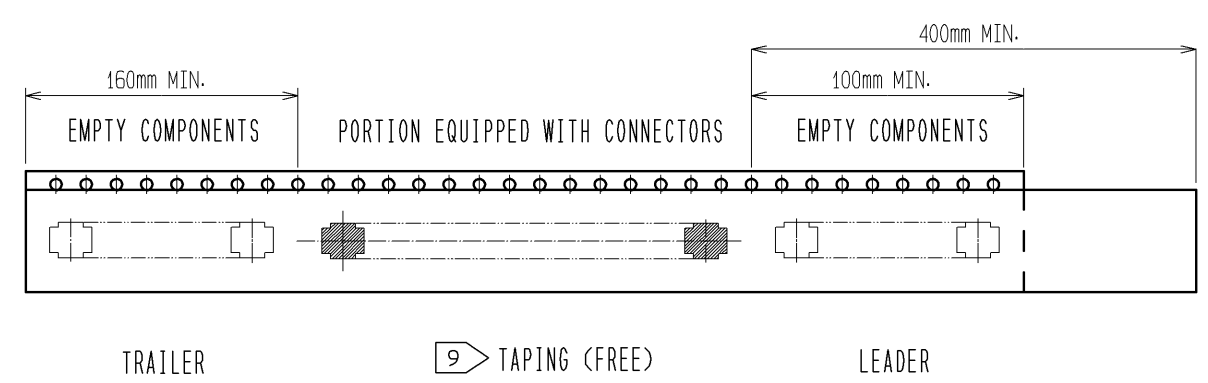
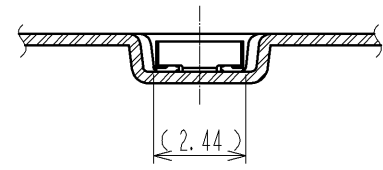
2/3

May.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.

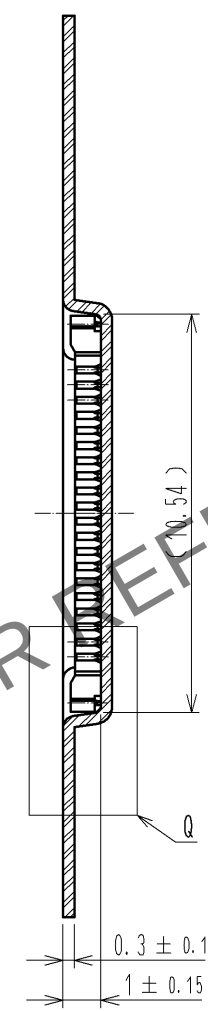
EMBOSSED CARRIER TAPE PACKAGING (5:1)



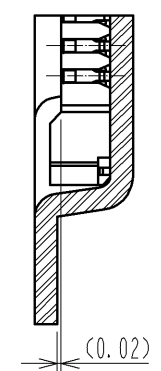
F-F (5:1)



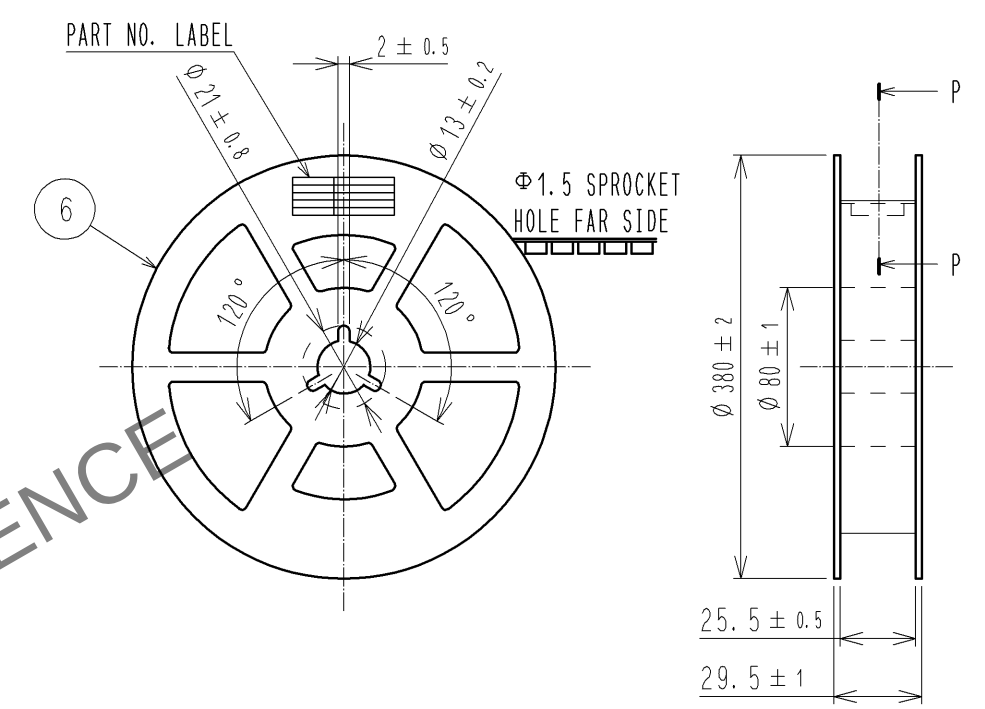
E-E (5:1)



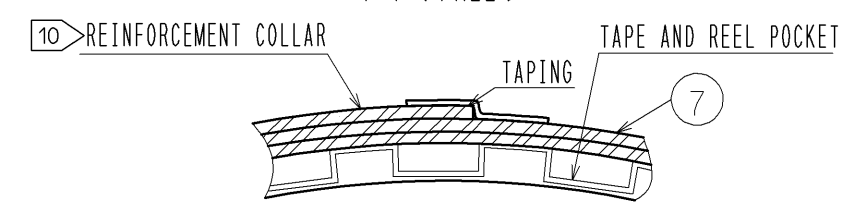
Q(10:1)



STYLE AND DIMENTION OF REEL (FREE)



P-P (FREE)



DETAIL OF PART NO. LABEL

製造年月日	** ** *
製品コード	CL0684-9012-1-(51)
製品名	BM20B(0.8)-40DS-0.4V(51)
数量	8,000
納入者	ヒロセ電機(株)

DATA OF MANUFACTURED
CODE NO.
PART NO.
QUANTITY
SUPPLIER

- 7. PER REEL 8000 CONNECTORS.
- 8. THE DIMENSIONS IN PARENTHESSES ARE FOR REFERENCE.
- 9. REFER TO JIS C 0806(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.	EDC3-332318-01	
	PART NO.	BM20B(0.8)-40DS-0.4V(51)	
	CODE NO.	CL684-9012-1-51	$\triangle$ 3/3