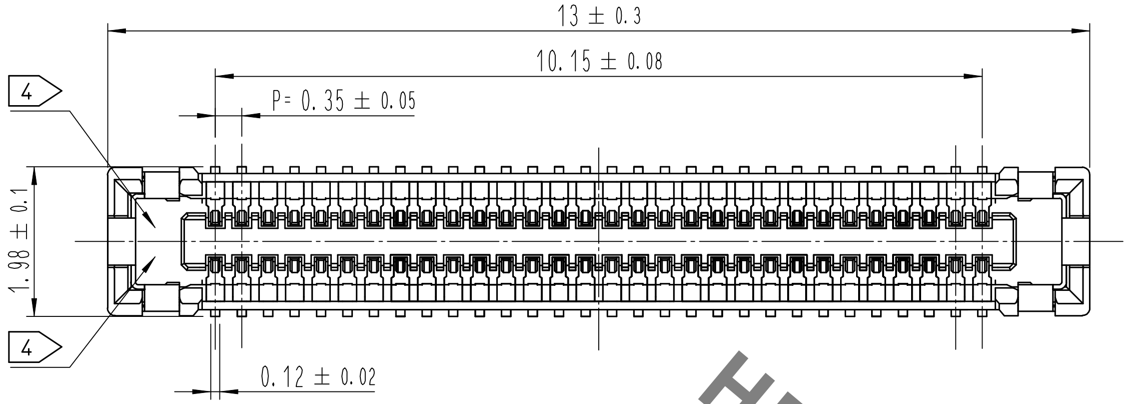
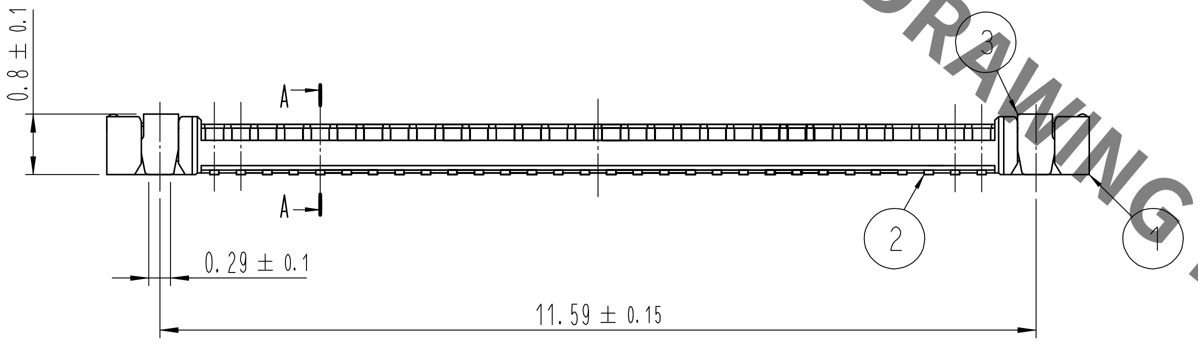
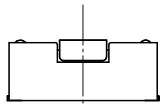
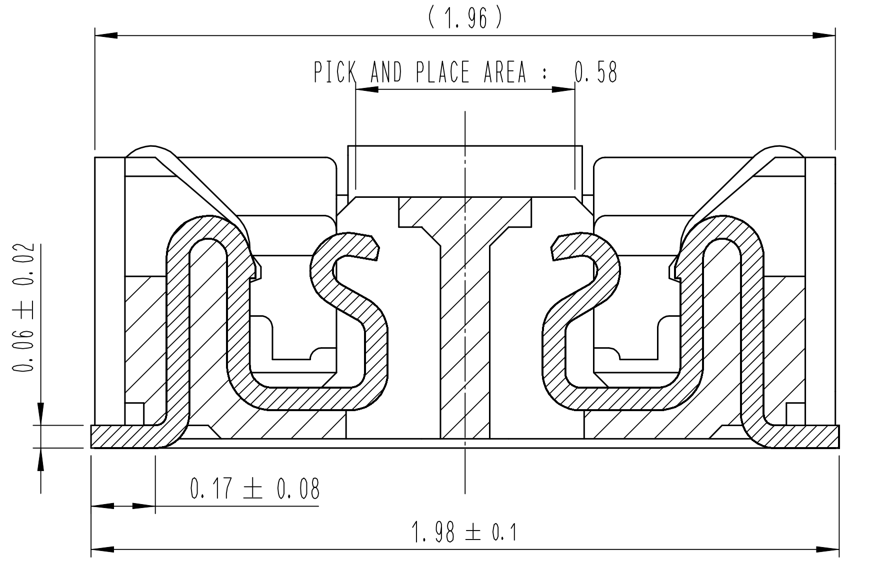
	COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	BY	CHKD	DATE
⚠	1	Change the bobbin size	LYJ	JHW	15. 12. 03	△					. .
△					. .	△					. .
△					. .	△					. .



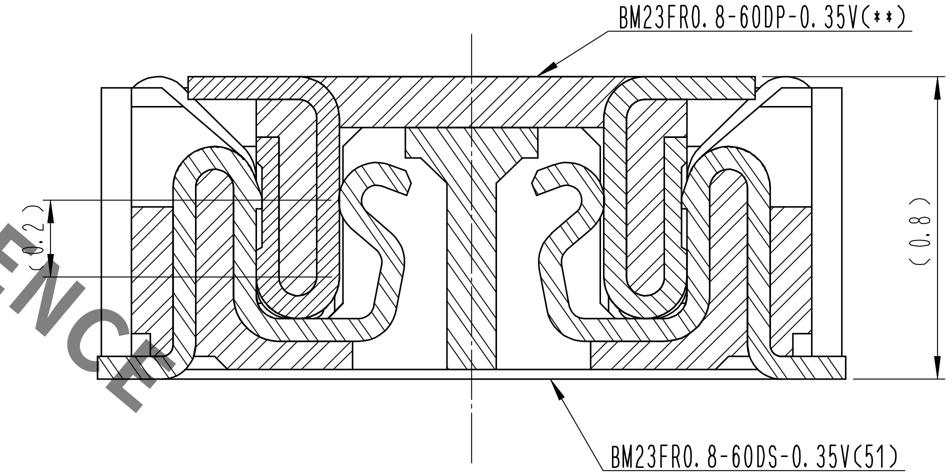




A-A(50:1)



ENGAGEMENT FIGURE (50:1)



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)

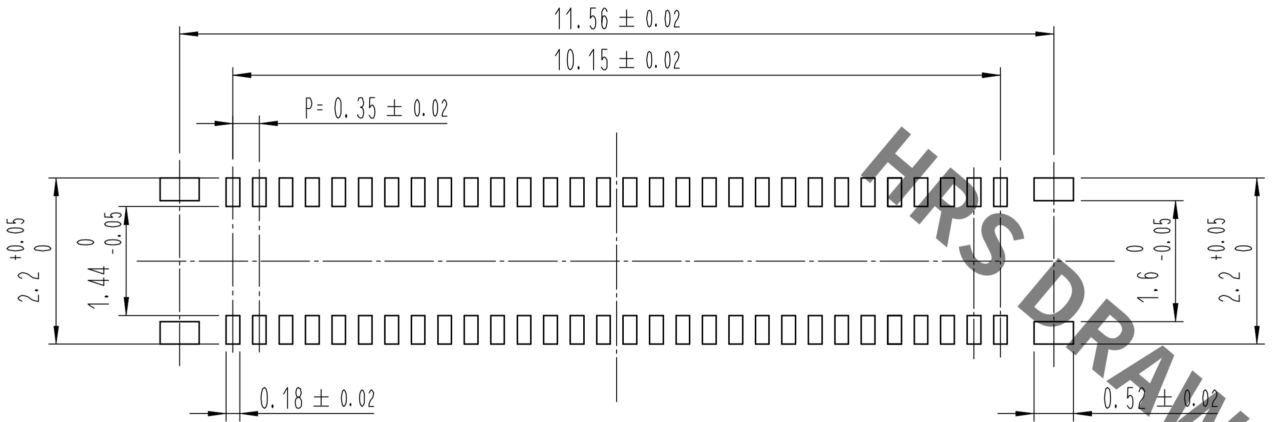
4▷. HRS MARK AND CAV NO. IS INDICATED IN APPROX POSITION SHOWN.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
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)

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	Y. J. LEE 15.12.03	Y. J. LEE 15.12.03	H. W. JO 15.12.03	T. S. KANG 15.12.03	15.12.03

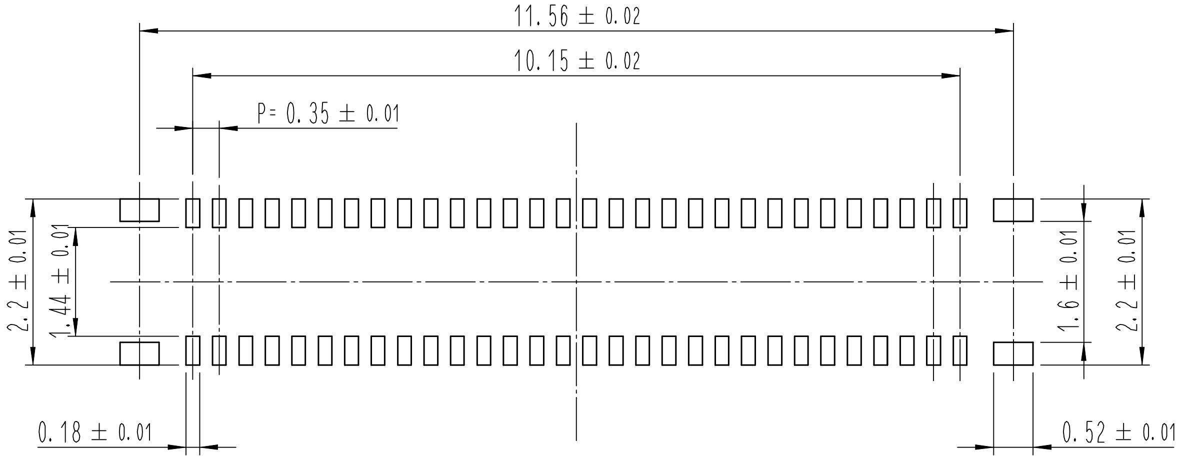
CODE NO. (OLD)		DRAWING NO. EDC3-632085	PART NO. BM23FR0.8-60DS-0.35V(51)	
	SCALE 10:1 UNITS mm	HRS HIROSE KOREA CO., LTD.	CODE NO CL 6644-0028-3-051	1/3

6> ◈RECOMMENDED PCB LAYOUT

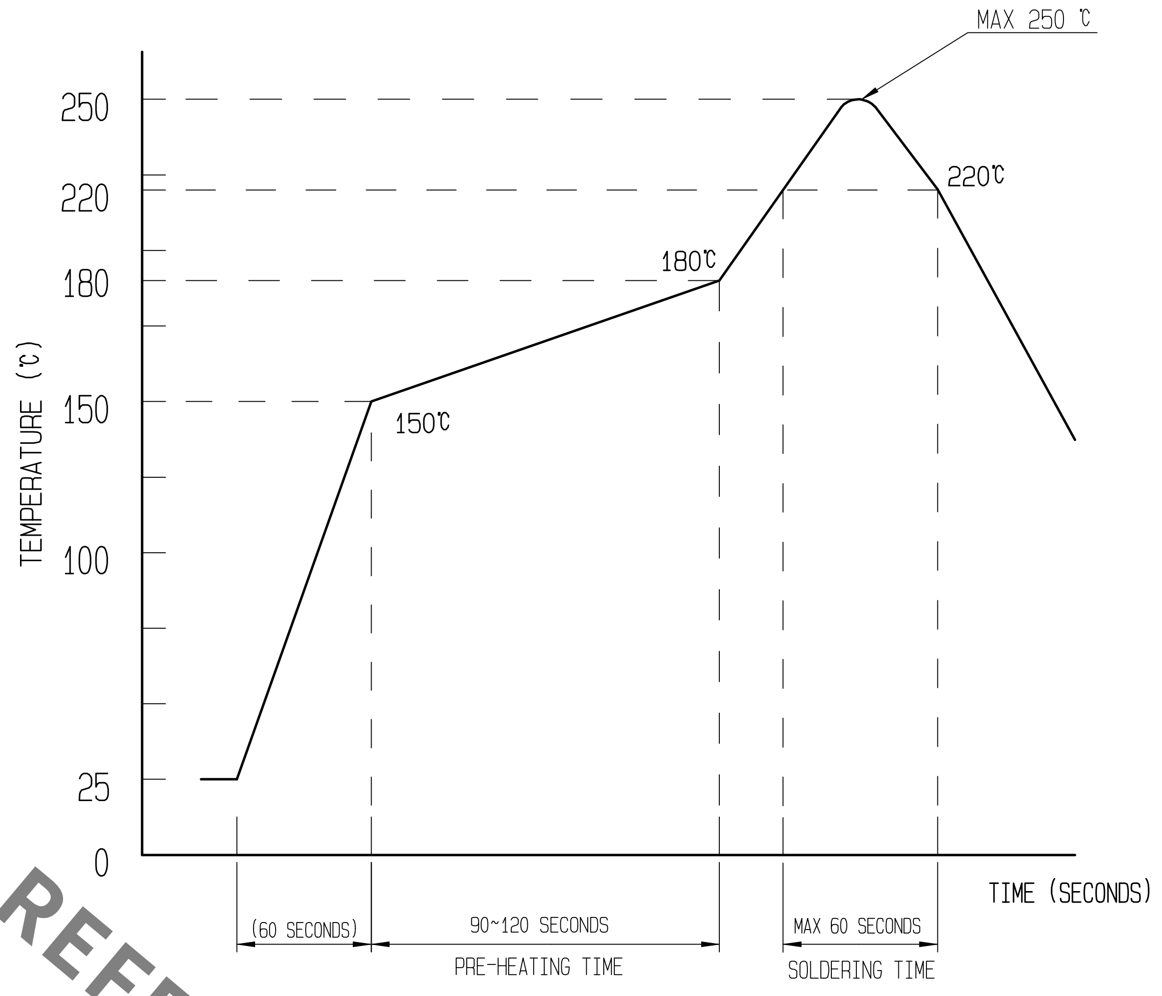


◈RECOMMENDED METAL MASK DIMENSIONS

MATAL MASK THICKNESS : 100μm



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



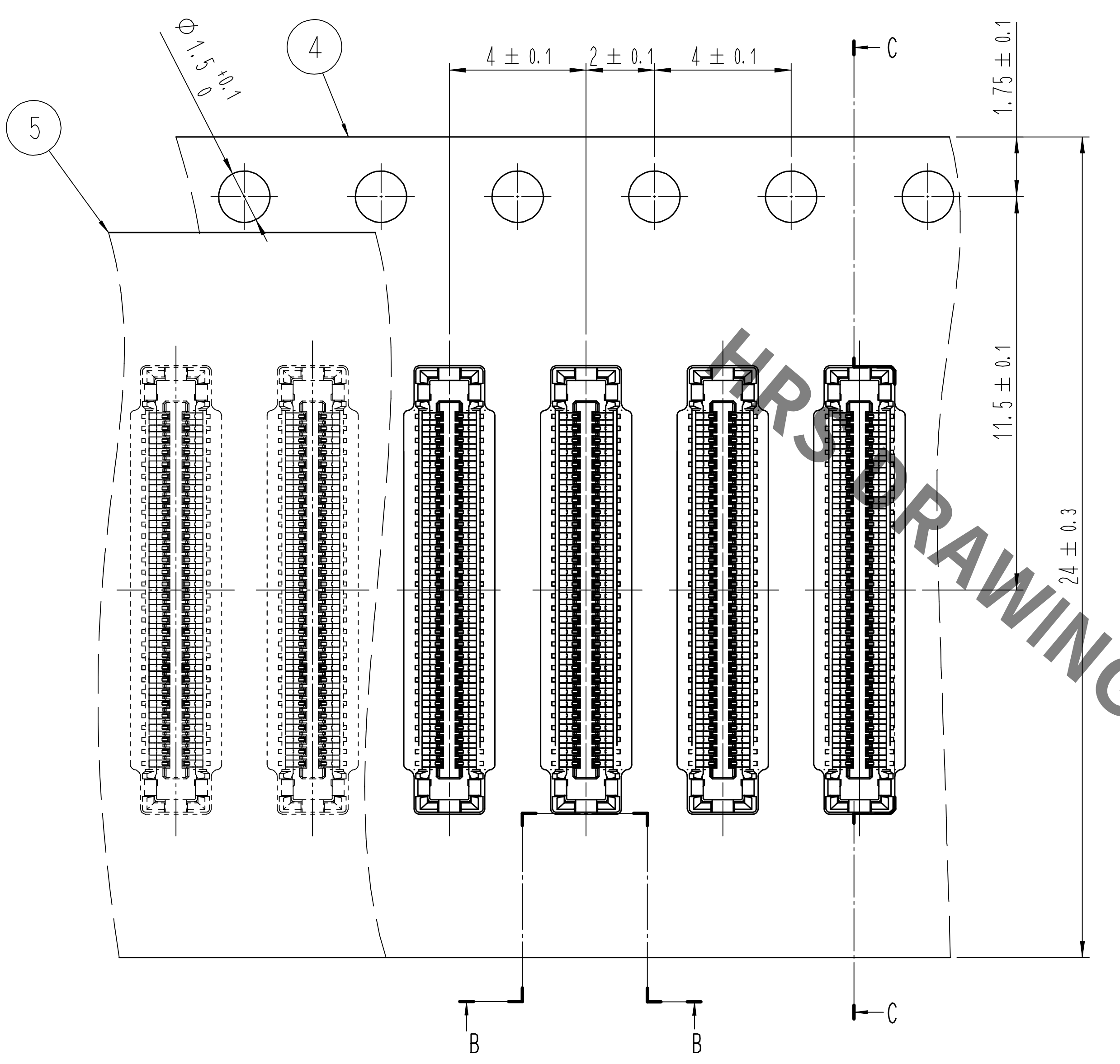
REFLOW METHOD:IR REFLOW
NUMBER OF REFLOW CYCLES:2 CYCLES MAX.
1)REFLOW TIME
  DURATION ABOVE 220℃,60 SEC MAX.
  (PEAK TEMPERATURE:250℃ MAX)
2)PRE-HEAT TIME
  PRE-HEAT TEMPERATURE(MIN):150℃
  PRE-HEAT TEMPERATURE(MAX):180℃
  PRE-HEAT TIME:90-120 SEC.

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.

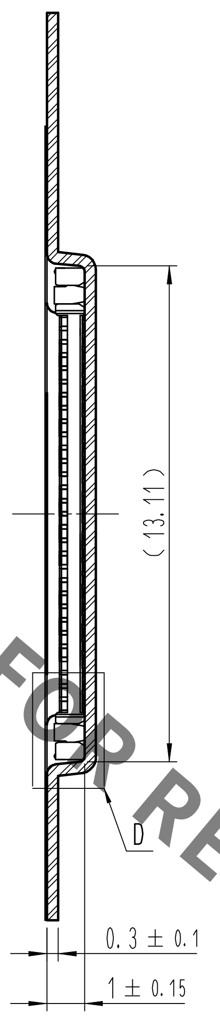
6>. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

SCALE 10:1	DRAWING NO. EDC3-632085	PART NO. BM23FR0.8-60DS-0.35V(51)
UNITS mm	HRS HIROSE KOREA CO.,LTD.	CODE NO CL 6644-0028-3-051 2/3

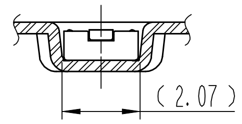
EMBOSSED CARRIER TAPE PACKAGING (5:1)



C-C (5:1)

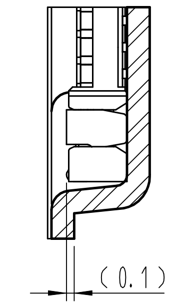


B-B (5:1)

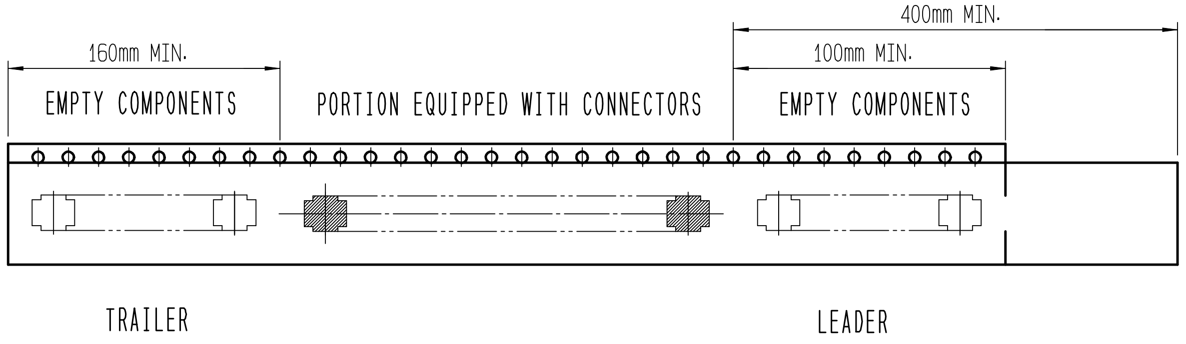


DIRECTION OF UNREELING

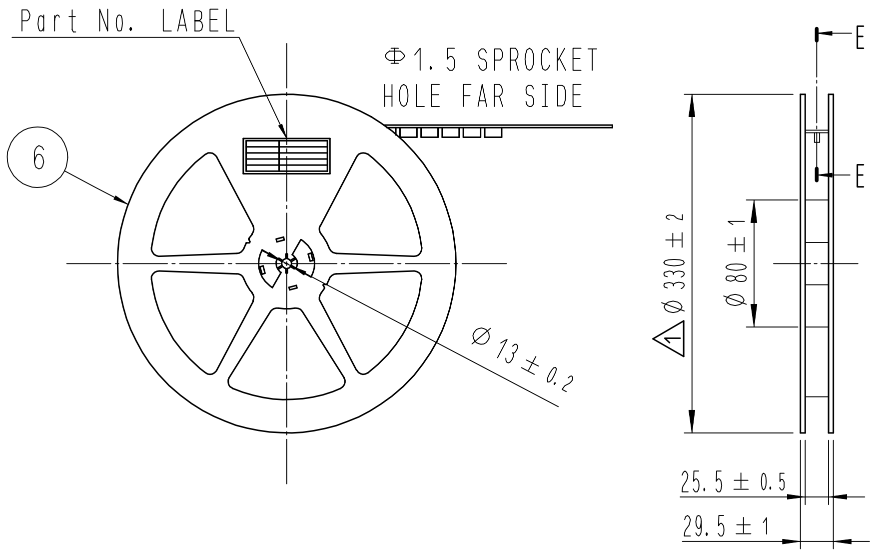
D (10:1)



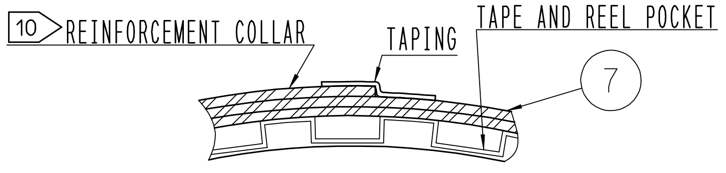
9 TAPING(FREE)



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	BM23FR0.8-60DS-0.35V(51)
納入数量	10,000個
納入者	HIROSE KOREA

7. PER REEL 10,000 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.

SCALE 10:1 UNITS mm	DRAWING NO. EDC3-632085	PART NO. BM23FR0.8-60DS-0.35V(51)	
	HIROSE KOREA CO., LTD.	CODE NO CL 6644-0028-3-051	3/3