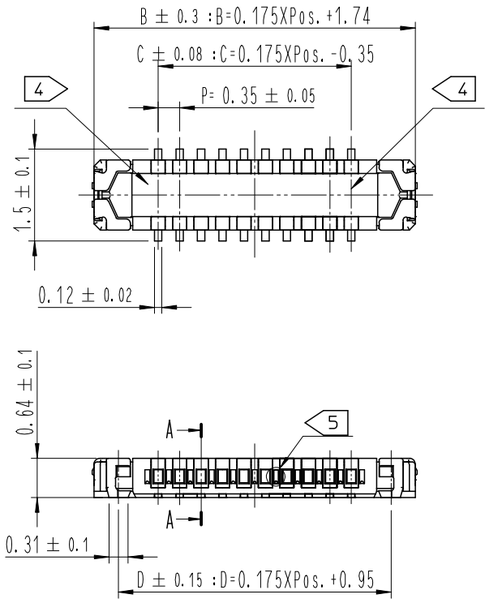
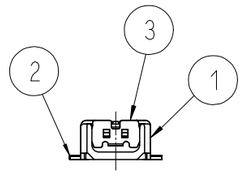
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DRAWING FOR REFERENCE
This is subject to change without notice

	COUNT	DESCRIPTION OF REVISIONS	B Y	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	B Y	CHKD	DATE
⚠1	2	RE-6-0742	LYJ	JHW	16. 09. 27	△					. .
⚠2	3	RE-6-0806	MSH	JHW	17. 01. 05	△					. .
△					. .	△					. .

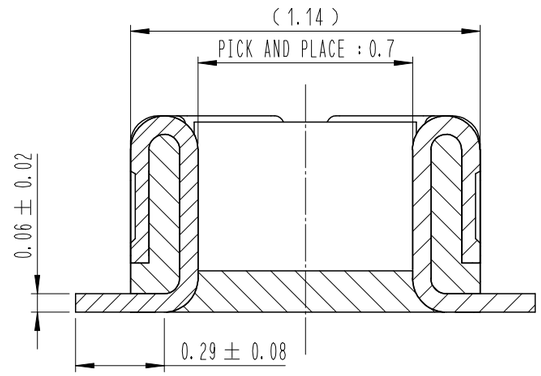


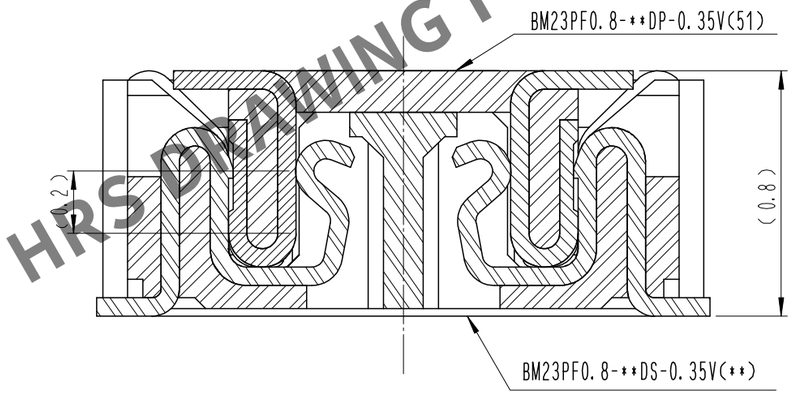
A:A(50:1)



ENGAGEMENT FIGURE (50:1)

⚠2 PART No.	CODE No.	POS.	B	C	D
BM23PF0.8-10DP-0.35V(51)	-	10	3.49	1.40	2.70
BM23PF0.8-14DP-0.35V(51)	-	14	4.19	2.10	3.40
BM23PF0.8-20DP-0.35V(51)	-	20	5.24	3.15	4.45
BM23PF0.8-24DP-0.35V(51)	-	24	5.94	3.85	5.15
BM23PF0.8-40DP-0.35V(51)	-	40	8.74	6.65	7.95
BM23PF0.8-42DP-0.35V(51)	-	42	9.09	7.00	8.30
BM23PF0.8-46DP-0.35V(51)	-	46	9.79	7.70	9.00
BM23PF0.8-54DP-0.35V(51)	-	54	11.19	9.10	10.40





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.
   UNDER PLATING : NICKEL 1μm MIN.
   (SURFACE : SEALING)
3. METAL 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.
5. A PART OF THE WALL COULD BE NOTCHED.

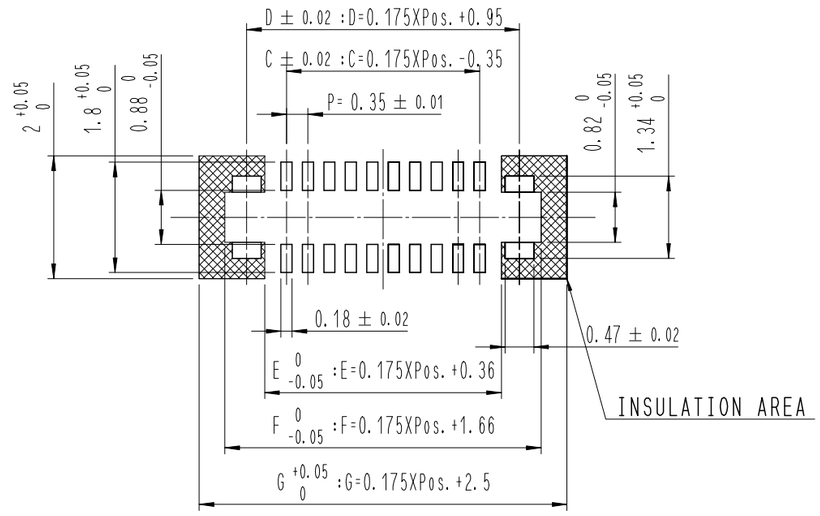
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
4	PS	CLEAR (EMBOSSED CARRIER TAPE)			
3	⚠1 COOPER ALLOY	3	7	PS	CLEAR (REINFORCEMENT COLLAR)
2	⚠1 COOPER ALLOY	2	6	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	5	POLYESTER	CLEAR (COVER TAPE)

REMARKS	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	Y. J. LEE 15. 11. 23	Y. J. LEE 15. 11. 23	H. W. JO 15. 11. 23	T. S. KANG 15. 11. 23	15. 11. 23

CODE NO. (OLD)	SCALE 10:1 UNITS mm	DRAWING NO. EDC3-******	PART NO. BM23PF0.8-**DP-0.35V(51)
		HRS HIROSE KOREA CO., LTD.	CODE NO CL 66**-****-*-** 1/3

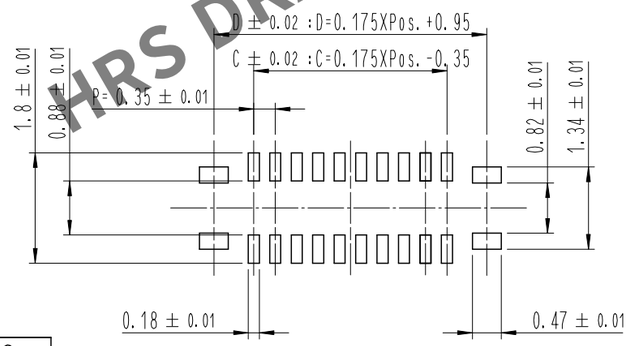
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7 ◈RECOMMENDED PCB LAYOUT



◈RECOMMENDED METAL MASK DIMENSIONS

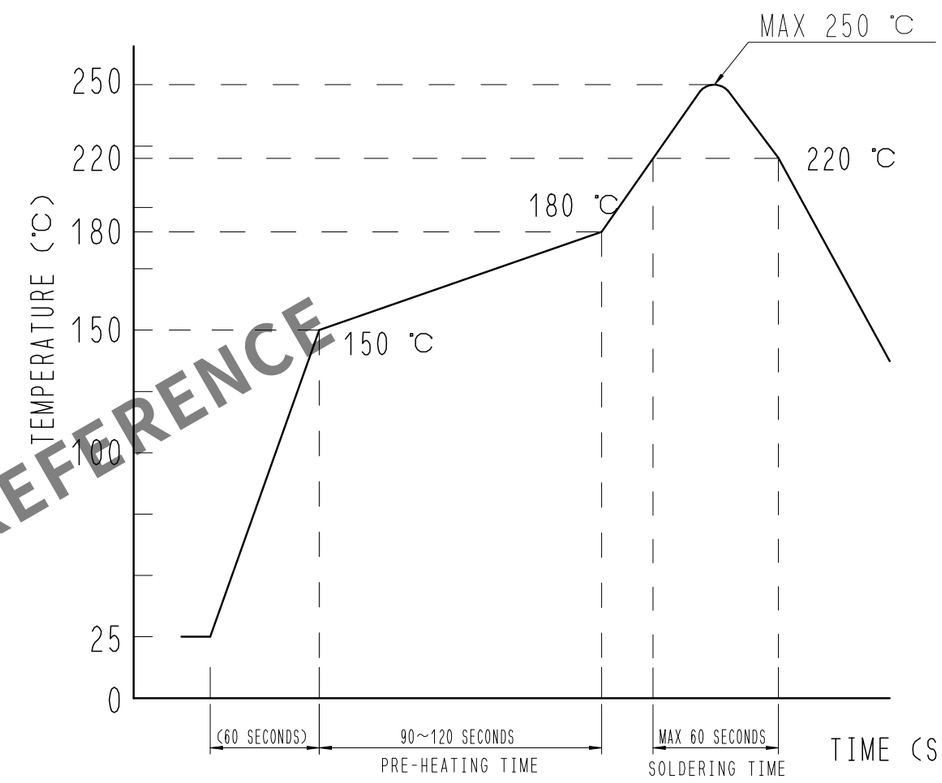
METAL MASK THICKNESS : 100μm



△2

POS.	C	D	E	F	G
10	1.40	2.70	2.11	3.41	4.25
14	2.10	3.40	2.81	4.11	4.95
20	3.15	4.45	3.86	5.16	6.00
24	3.85	5.15	4.56	5.86	6.70
40	6.65	7.95	7.36	8.66	9.50
42	7.00	8.30	7.71	9.01	9.85
46	7.70	9.00	8.41	9.71	10.55
54	9.45	10.75	10.16	11.46	12.30

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℃, 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.

6. 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.

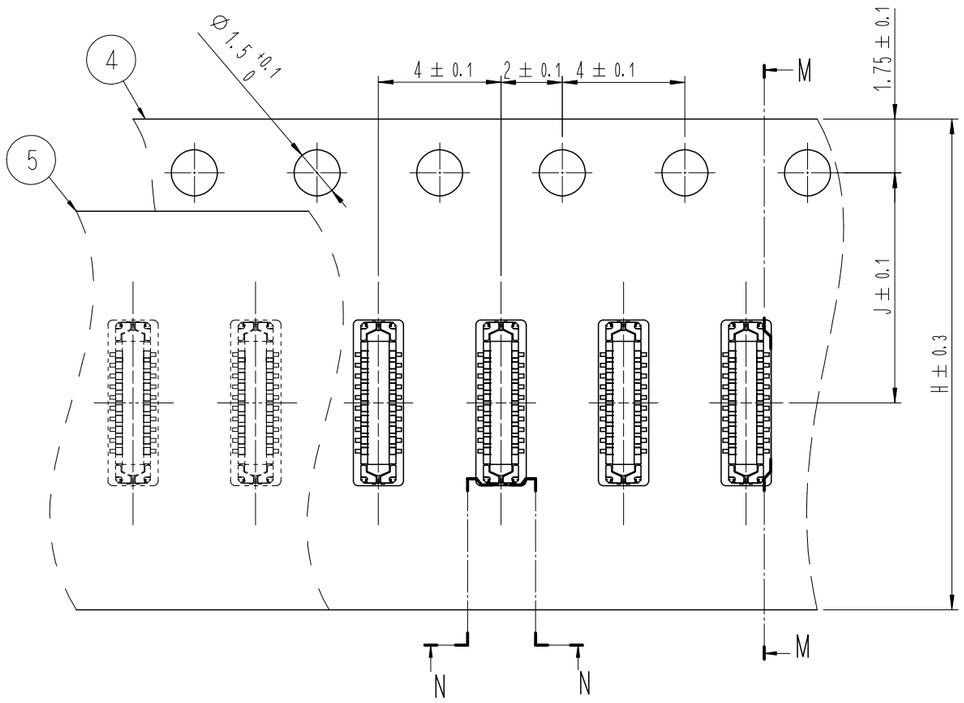
7. PLEASE CONTACT US IN CASE YOU WILL MAKE DIFFERENT SETTINGS FROM OUR RECOMMENDATION.

HRS DRAWING FOR REFERENCE

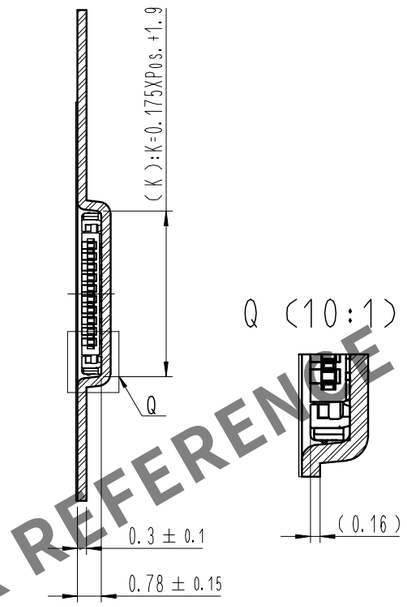
SCALE 10:1 UNITS mm	DRAWING NO. EDC3-******	PART NO. BM23PF0.8-**DP-0.35V(51)
	HRS HIROSE KOREA CO., LTD.	CODE NO CL 66**-****-*-** 2/3

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EMBOSSED CARRIER TAPE PACKAGING (5:1)



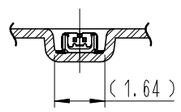
M-M (5:1)



Q (10:1)

POS.	H	J	K	L	M
10	12	5.5	3.65	13.5	17.5
14	16	7.5	4.35	17.5	21.5
20	16	7.5	5.40	17.5	21.5
24	16	7.5	6.10	17.5	21.5
40	24	11.5	8.90	25.5	29.5
42	24	11.5	9.25	25.5	29.5
46	24	11.5	9.95	25.5	29.5
54	24	11.5	11.35	25.5	29.5

N-N (5:1)



DIRECTION OF UNREELING

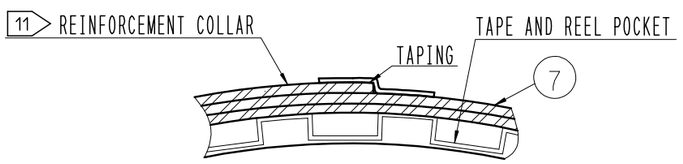
HRS DRAWING FOR REFERENCE

DETAIL OF PART No. LABEL

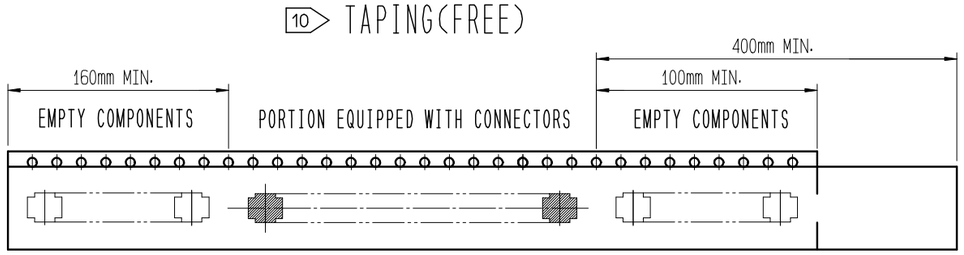
SUPPLIER
QUANTITY
PART NO.
CODE NO.
DATE OF MANUFACTURED

生産月日	年　月　日
図番	** ** **
品名	BM23PF0.8-**DP-0.35V(51)
納入数量	10,000個
納入者	HIROSE KOREA

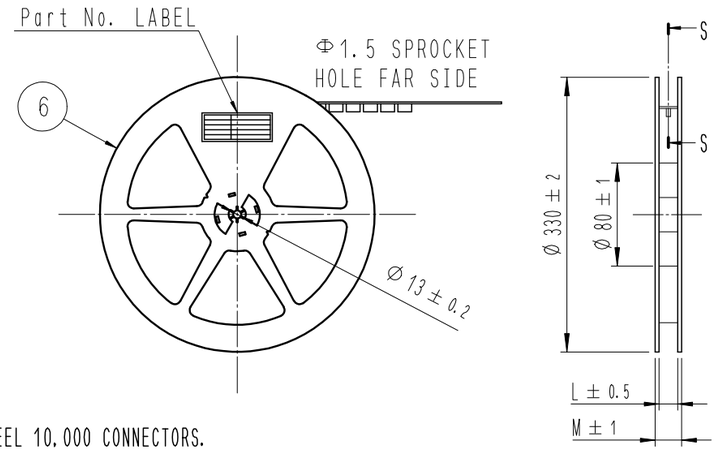
S-S (FREE)



10 TAPING(FREE)



STYLE AND DIMENTION OF REEL (FREE)



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 HANDLIMG)
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.

SCALE 10:1 UNITS mm	DRAWING NO. EDC3-******	PART NO. BM23PF0.8-**DP-0.35V(51)
	HRS HIROSE KOREA CO., LTD.	CODE NO CL 66**-****-*-** 3/3