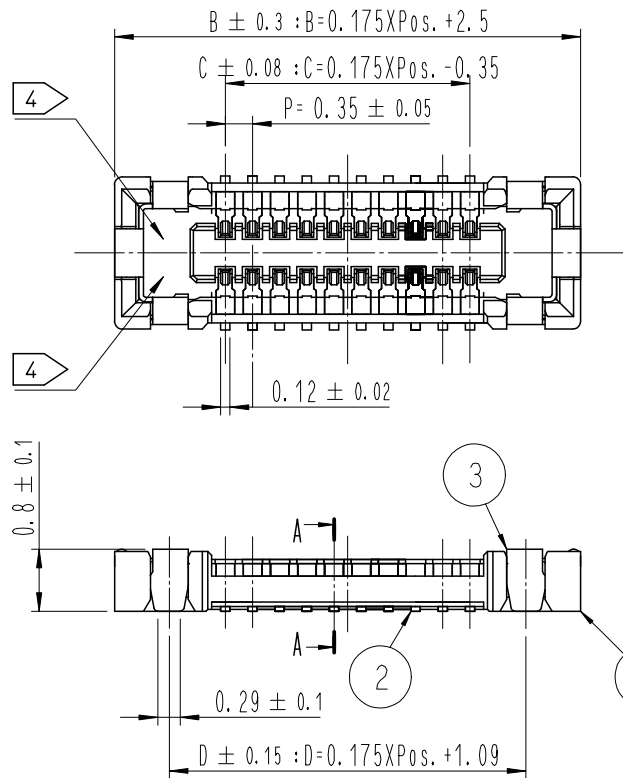


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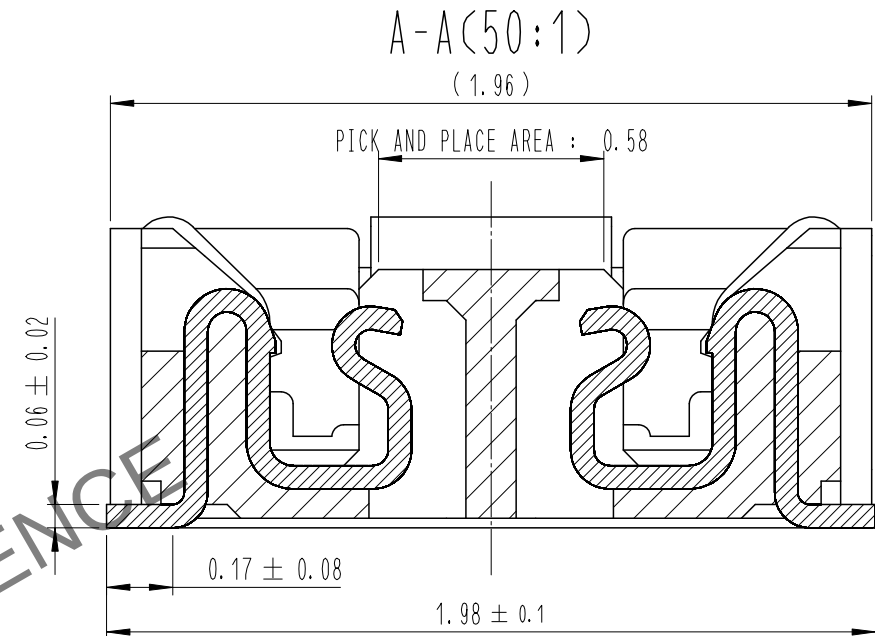
A
B
C
D
E
F



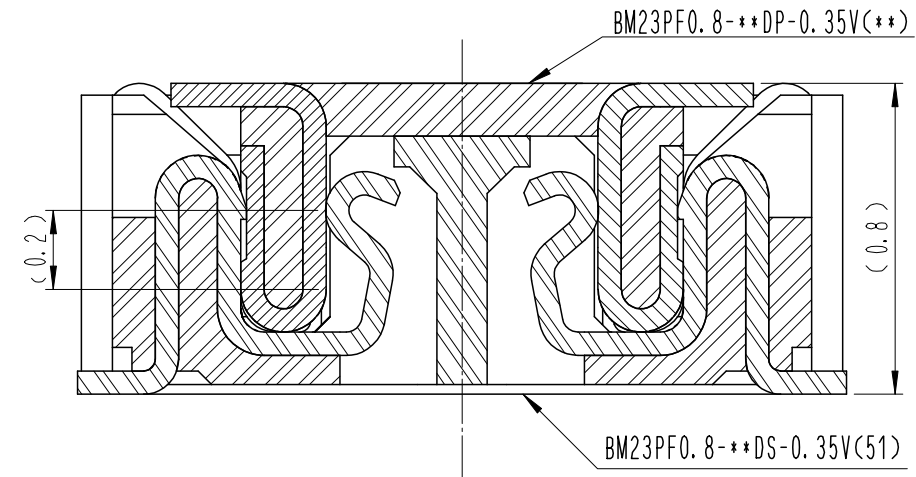
PART No.	CODE No.	POS.	B	C	D
BM23PF0.8-10DS-0.35V(51)	-	10	4.25	1.40	2.84
BM23PF0.8-14DS-0.35V(51)	-	14	4.95	2.10	3.54
BM23PF0.8-20DS-0.35V(51)	-	20	6.00	3.15	4.59
BM23PF0.8-24DS-0.35V(51)	-	24	6.70	3.85	5.29
BM23PF0.8-30DS-0.35V(51)	-	30	7.75	4.90	6.34
BM23PF0.8-40DS-0.35V(51)	-	40	9.50	6.65	8.09
BM23PF0.8-42DS-0.35V(51)	-	42	9.85	7.00	8.44
BM23PF0.8-44DS-0.35V(51)	-	44	10.20	7.35	8.79
BM23PF0.8-46DS-0.35V(51)	-	46	10.55	7.70	9.14
BM23PF0.8-50DS-0.35V(51)	-	50	11.25	8.40	9.84
BM23PF0.8-54DS-0.35V(51)	-	54	11.95	9.10	10.54
BM23PF0.8-60DS-0.35V(51)	-	60	13.00	10.15	11.59
BM23PF0.8-64DS-0.35V(51)	-	64	13.70	10.85	12.29

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

	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		1						
2	3	RE-6-0806	MSH	JHW	17.01.05		2						
3	3	RE-6-1784	PSH	JHW	20.04.09		3						



ENGAGEMENT FIGURE (50:1)

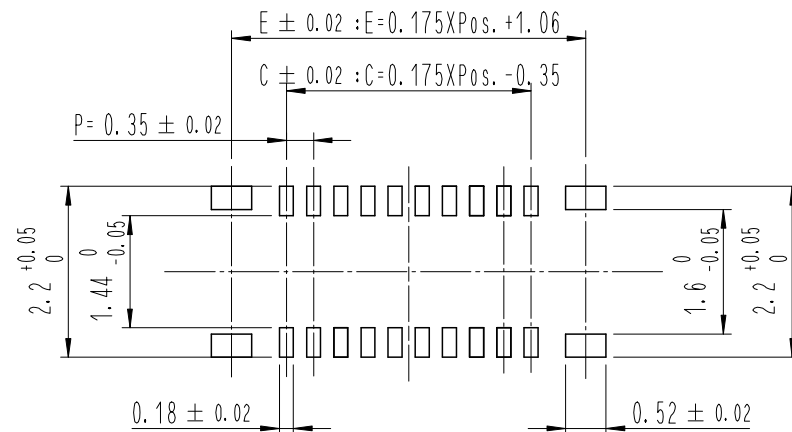


4	PS	CLEAR (EMBOSSED CARRIER TAPE)			
3	COOPER ALLOY	3	7	PS	CLEAR(REINFORCEMENT COLLAR)
2	COOPER ALLOY	2	6	PS	BLACK (PLASTIC REEL)
1	LCP	UL94 V-0, BLACK	5	POLYESTER	CLEAR (COVER TAPE)
NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
REMARKS			DRAWN	DESIGNED	CHECKED
			J. S. JANG	J. S. JANG	H. W. JO
			20.10.06	20.10.06	20.10.06
					APPROVED
					H. W. JO
					24.07.03
CODE NO. (OLD)	DRAWING NO.	EDC3-*****	PART NO.	BM23PF0.8-**-DS-0.35V(51)	
	SCALE	10:1	CODE NO	CL 66**-*****-51	
	UNITS	mm			1/3

1 2 3 4 5 6 7 8

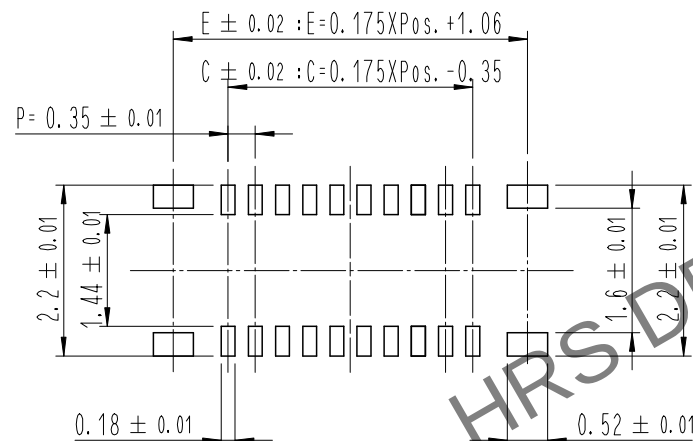
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6 RECOMMENDED PCB LAYOUT



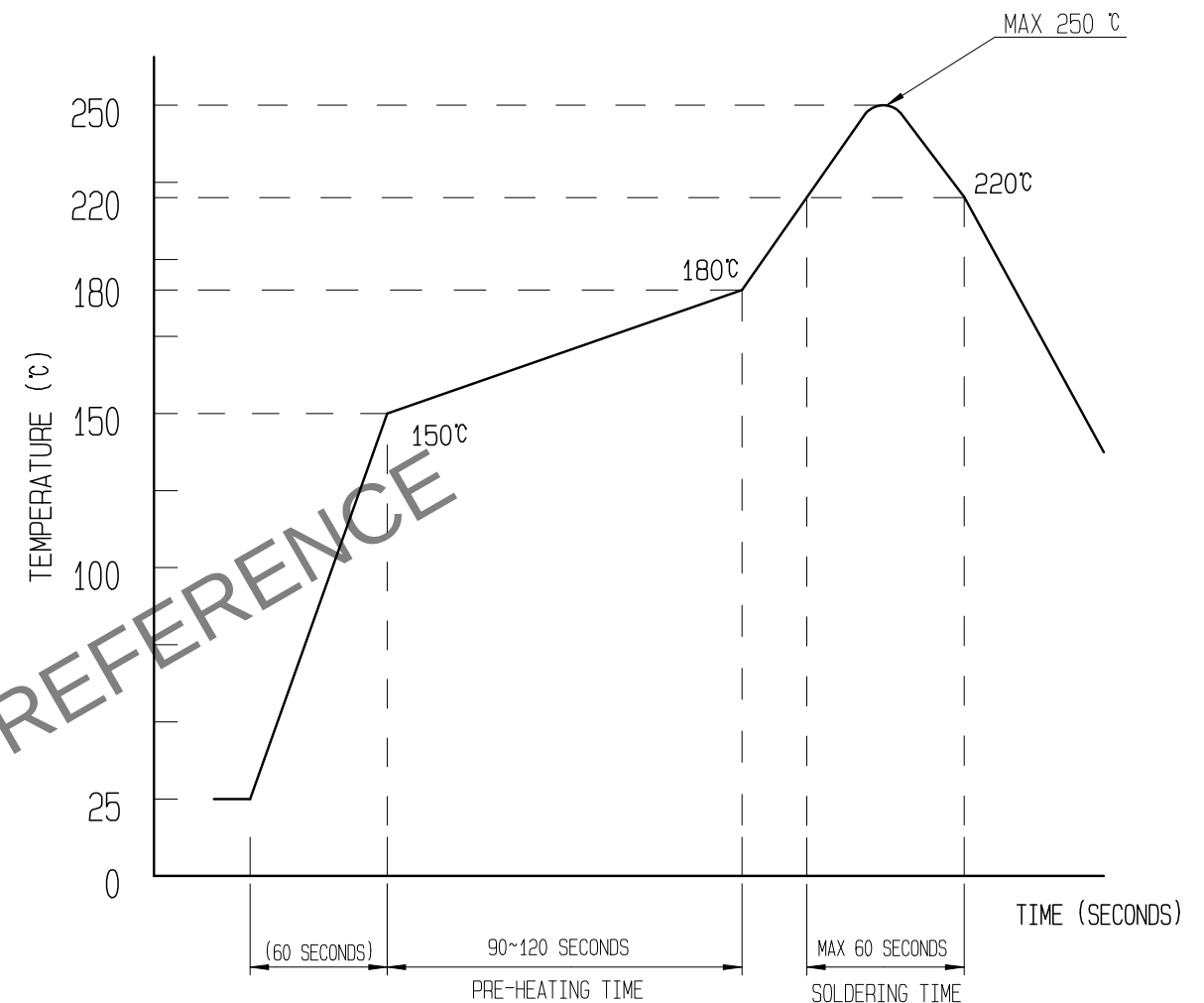
RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : 100 μm



POS.	C	E
10	1.40	2.81
14	2.10	3.51
20	3.15	4.56
24	3.85	5.26
30	4.90	6.31
40	6.65	8.06
42	7.00	8.41
44	7.35	8.76
46	7.70	9.11
50	8.40	9.81
54	9.10	10.51
60	10.15	11.56
64	10.85	12.26

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

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Hirose Electric:](#)

[BM23PF0.8-20DS-0.35V\(51\)](#)