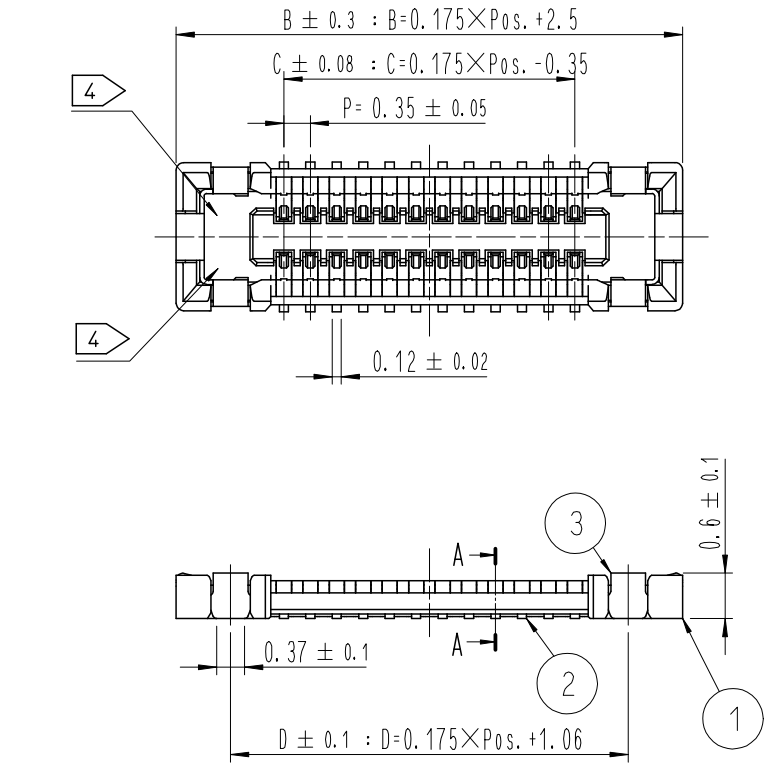


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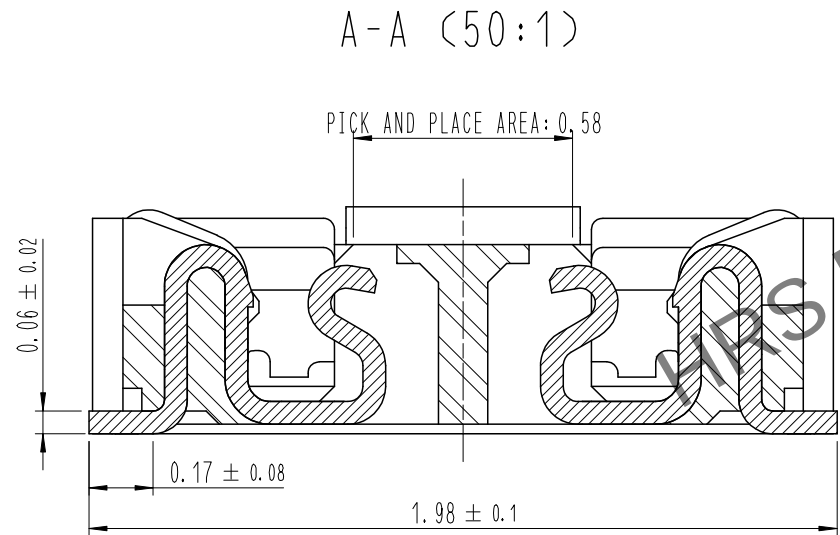
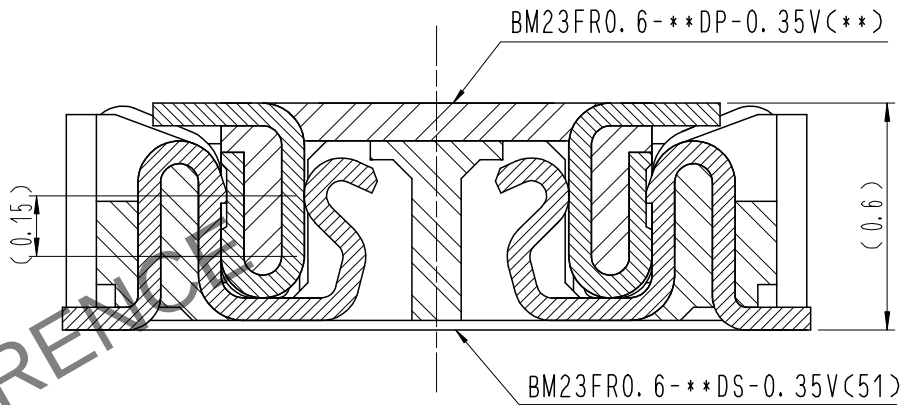
12345678

	COUNT	DESCRIPTION OF REVISIONS	B	Y	CHKD	DATE		COUNT	DESCRIPTION OF REVISIONS	B	Y	CHKD	DATE
△	4	RE-6-0649	J.S.H	J.H.W		16. 05. 04	△						
△	3	RE-6-0774	J.S.H	J.H.W		16. 11. 07	△						
△							△						



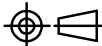
DRAWING FOR REFERENCE
This is subject to change without notice

ENGAGEMENT FIGURE (50:1)



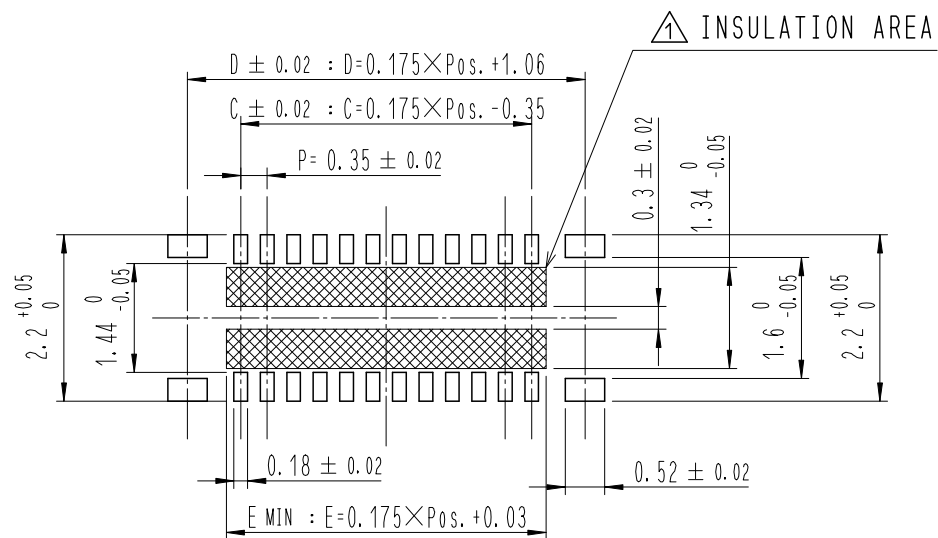
- NOTE
- 1. ALL LEAD CO-PLANARITY SHALL BE 0.1mm MAX.
 - 2. CONTACT PLATING SPECIFICATIONS
CONTACT AREA : GOLD 0.05 μ m MIN
SMT LEAD : GOLD 0.05 μ m MIN
UNDERPLATING : NICKEL 1 μ m MIN
(SURFACE : SEALING)
 - 3. MATA L FITTING PLATING SPECIFICATIONS
SMT LEAD : GOLD 0.05 μ m MIN
UNDERPLATING : NICKEL 1 μ m MIN
(SURFACE : SEALING)
 - 4. HRS MARK AND CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.

△ PART No.	CODE No.	POS.	B	C	D
BM23FR0.6-6DS-0.35V(51)	-	6	3.55	0.70	2.11
BM23FR0.6-8DS-0.35V(51)	-	8	3.90	1.05	2.46
BM23FR0.6-10DS-0.35V(51)	-	10	4.25	1.40	2.81
BM23FR0.6-12DS-0.35V(51)	-	12	4.60	1.75	3.16
BM23FR0.6-16DS-0.35V(51)	-	16	5.30	2.45	3.86
BM23FR0.6-20DS-0.35V(51)	-	20	6.00	3.15	4.56
BM23FR0.6-24DS-0.35V(51)	-	24	6.70	3.85	5.26
BM23FR0.6-30DS-0.35V(51)	-	30	7.75	4.90	6.31
BM23FR0.6-34DS-0.35V(51)	-	34	8.45	5.60	7.01
BM23FR0.6-40DS-0.35V(51)	-	40	9.50	6.65	8.06
BM23FR0.6-50DS-0.35V(51)	-	50	11.25	8.40	9.81

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)			
NO.	MATERIAL	FINISH , REMARKS			NO.	MATERIAL	FINISH , REMARKS		
REMARKS					DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
					D. W. KIM	D. W. KIM	H. W. JO	T. S. KANG	16. 11. 07
					14. 11. 06	14. 11. 06	14. 11. 06	14. 11. 06	
CODE NO. (OLD)				DRAWING NO.		PART NO.			
		SCALE		EDC3-*****		BM23FR0.6-**DS-0.35V(51)			
		10:1							
		UNITS		HRS HIROSE KOREA CO., LTD.		CODE NO			
		mm				CL 66*-*****-***			
						1/3			

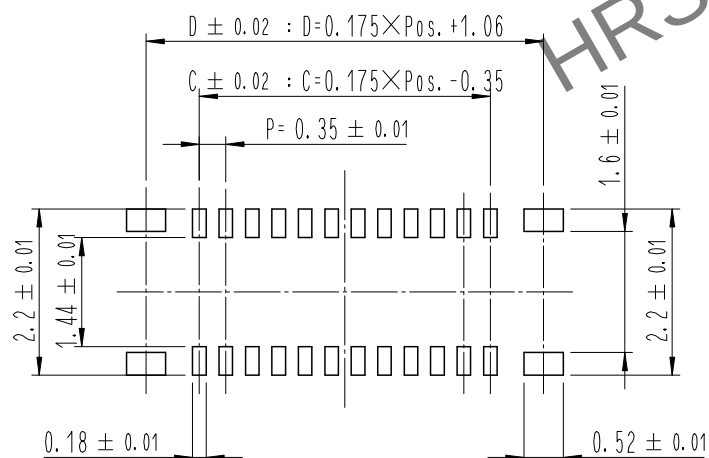
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6 RECOMMENDED PCB LAYOUT



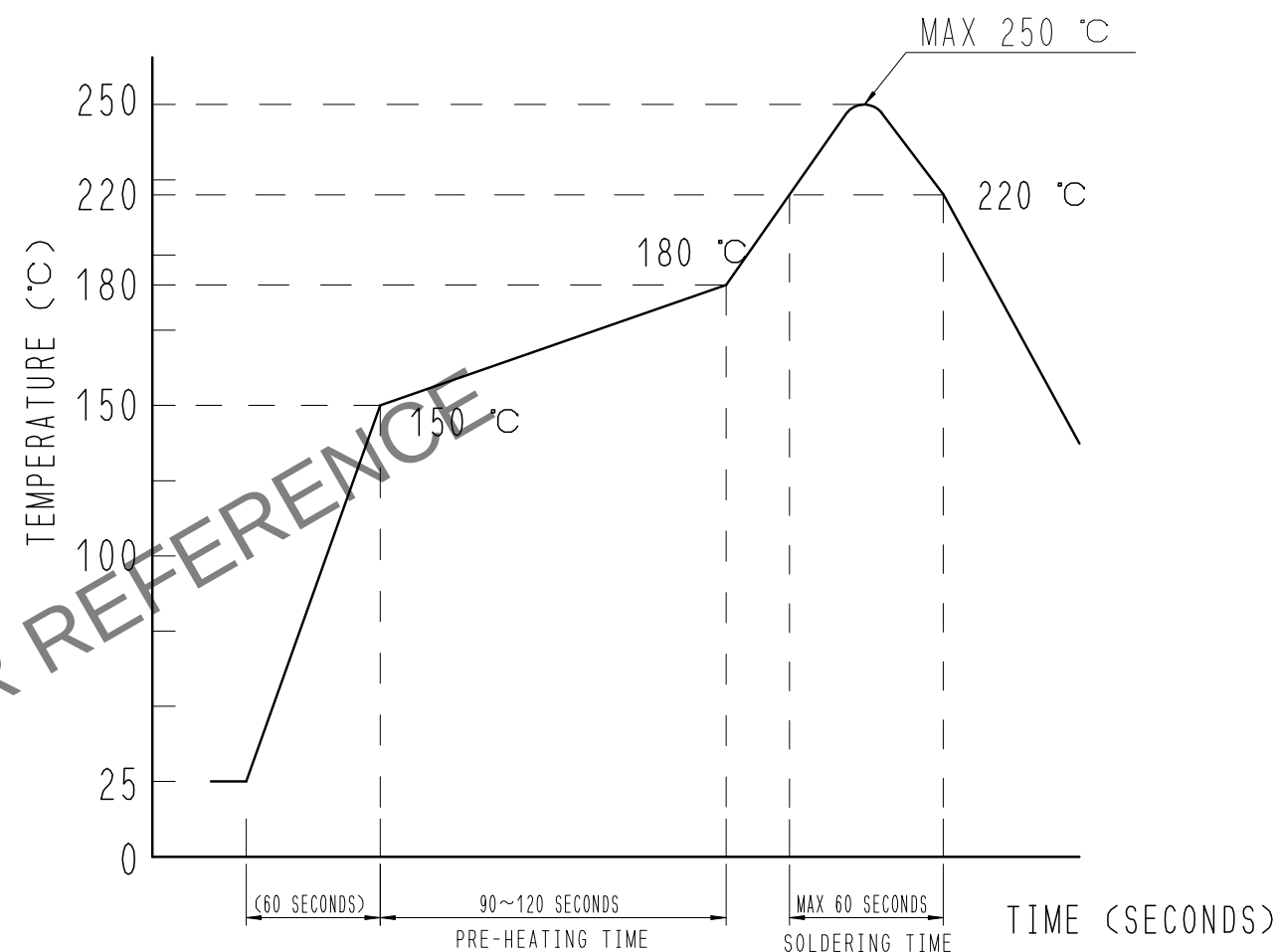
RECOMMENDED METAL MASK DIMENSIONS

MATAL MASK THICKNESS : $100 \mu\text{m}$



△ POS.	C	D	E
6	0.70	2.11	1.08
8	1.05	2.46	1.43
10	1.40	2.81	1.78
12	1.75	3.16	2.13
16	2.45	3.86	2.83
20	3.15	4.56	3.53
24	3.85	5.26	4.23
30	4.90	6.31	5.28
34	5.60	7.01	5.98
40	6.65	8.06	7.03
50	8.40	9.81	8.78

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°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: $90 \sim 120$ 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. BM23FR0.6-**DS-0.35V(51)	CODE NO CL 66**-*****-***	2/3
SCALE 10:1	HRS HIROSE KOREA CO., LTD.		
UNITS mm			

