

ENGAGEMENT FIGURE (50:1)

SIGNAL CONTACT

POWER CONTACT

4	PS	CLEAR (EMBOSSED CARRIER TAPE)							
3	COPPER ALLOY	2							
2	COPPER 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	NO.	MATERIAL	FINISH, REMARKS	NO.
REMARKS						DRAWN	DESIGNED	CHECKED	APPROVED
						J. M. YEOM	J. M. YEOM	H. W. JO	H. W. JO
						20. 09. 25	20. 09. 25	20. 09. 25	20. 09. 25
CODE NO. (COLD)						PART NO.			
						BK13C06-40DP/2-0.35V(895)			
						CODE NO			
						CL 6665-0009-0-895			

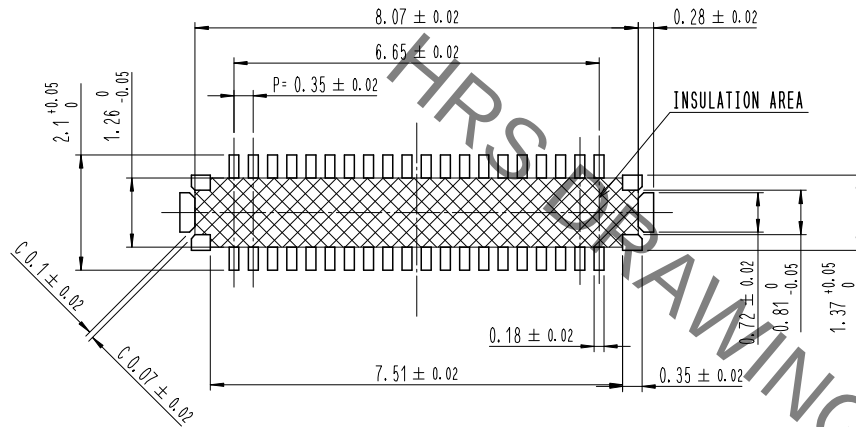
POWER CONTACT

B-B (30:1)

Technical drawing of a cross-section of a mechanical part. The drawing shows a central rectangular cavity with a width dimension of (1.05). The part has a total width of (0.06) and a height of (0.18). The cross-section is hatched to indicate material.

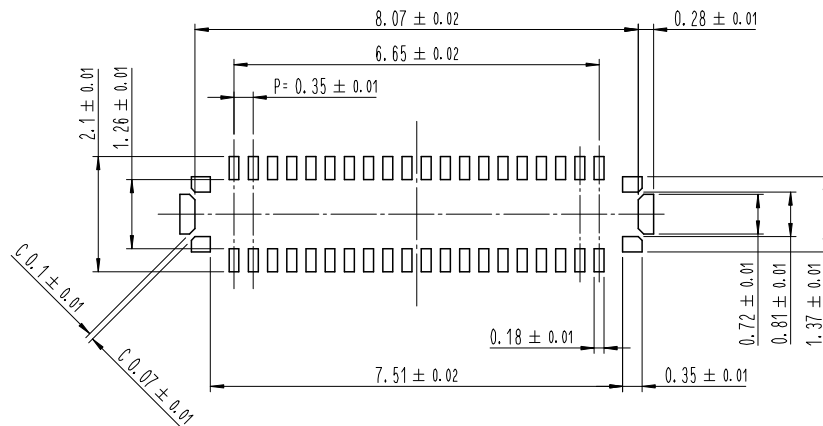
NOTE 1. ALL LEAD CO-PLANARITY SHALL BE 0.08mm MAX.
 2. CONTACT PLATING SPECIFICATIONS
 CONTACT AREA : GOLD 0.05 μ m MIN
 SMT LEAD : GOLD 0.05 μ m MIN
 UNDERPLATING : NICKEL 1 μ m MIN
 (SURFACE : SEALING)
 3. CAV NO. ARE INDICATED IN APPROX POSITION SHOWN.
 4. A PART OF THE WALL COULD BE NOTCHED
 5. DENT EXISTS IN THE INDICATED AREA FOR MANUFACTURING CONVENIENCE.

7 RECOMMENDED PCB LAYOUT

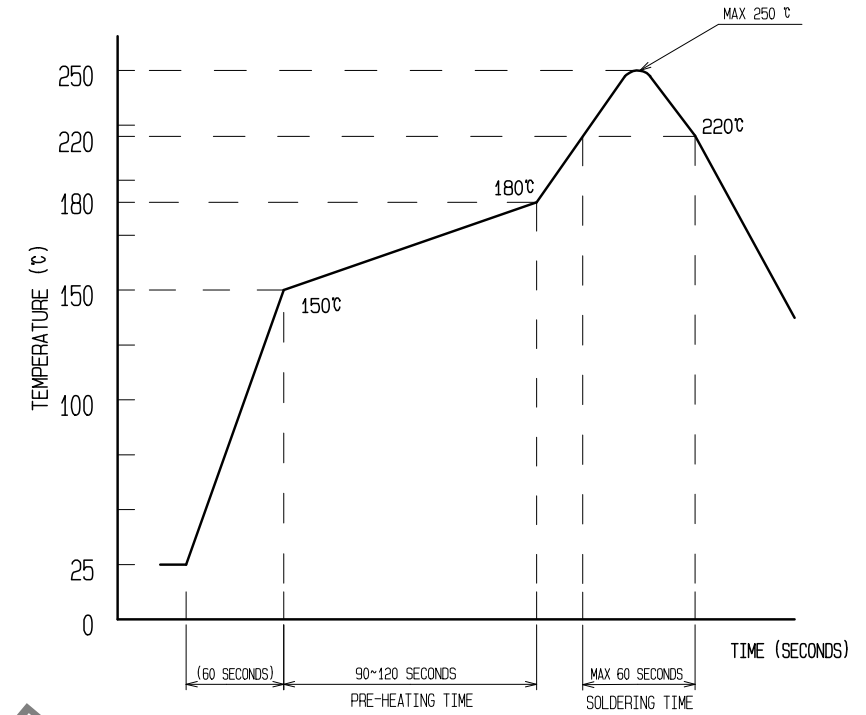


RECOMMENDED METAL MASK DIMENSIONS

METAL MASK THICKNESS : $80 \mu\text{m}$



6 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.

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.
8. THIS PRODUCT SATISFIES HALOGEN FREE REQUIREMENTS DEFINED AS 900ppm MAXIMUM CHLORINE, 900ppm MAXIMUM BROMINE, AND 1500ppm MAXIMUM TOTAL OF CHLORINE AND BROMINE.
9. THIS PRODUCT COMPLY WITH RoHS.

DRAWING NO.	EDC3-632912-95	PART NO.	BK13C06-40DP/2-0.35V(895)
SCALE	10:1	CODE NO	CL 6665-0009-0-895
UNITS	mm		

HIROSE KOREA CO., LTD.

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