

Silicone-Pad SB-K-4

SPECIFICATION

測試項目 Property	Typical Value		Test Method
顏色 Color	Gray		Visual
厚度 Total Thickness	0.5mm - 1		ASTM D374
硬度 Hardness(Shore Type A)	90		ASTM D2240
撕裂強度 Breaking Strength	30 Lbs/ in	5 kN/ m	ASTM D1458
延伸率 Elongation, %45 to warp & Fill	40		ASTM D882A
拉力 Tensile Strength	5kPsi		ASTM D412
材料 Material	Silicone		--
使用溫度範圍 Continuous Use Temp	-60°C~180°C		--
Electrical			
耐電壓 Dielectric Breakdown Voltage	6000AC - minimum		ASTM D149
偶電極係數 Dielectric Conductivity	5		ASTM D150
體積阻抗 Volume Resistivity, Ohm - meter	10 ¹²		ASTM D257

Silicone-Pad SB-K-4

Thermal

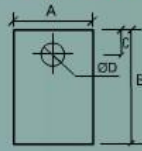
導熱係數 Thermal Conductivity	0.9W / m - K		ASTM D5470		
Thermal Impedance vs Pressure					
壓力 Pressure,psi	10	25	50	100	200
熱阻抗 TO-220 Thermal Performance, C/W	3.66	3.43	3.13	2.74	2.42
熱絕緣係數 Thermal Impedance Per ASTM D5470,(1) C-IN2/W(1)	1.07	0.68	0.48	0.42	0.38

Notes :

- Silicone-Pad SB-K-4:
- Function : High Thermal Impedance, heat sink, durable used.
- Standard : TO-220, TO-3P, TO-3, upon request for customer made.
- Application: RDRAMTM, appliances, heat sink, insulation.

Remark : The above test result is from testing laboratory report, for your reference only.

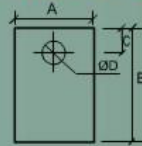
Item No. TO-220



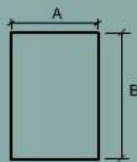
Dimension (mm)			
A	B	C	D
13	18	4.5	3
13	19	5	3

Dimension (mm)			
A	B	C	D
20	25	7	3
20	25	8	3

Item No. TO-3P

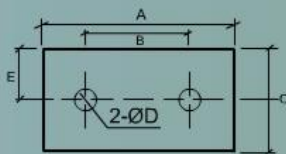


Type



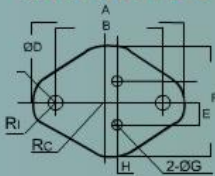
Dimension (mm)									
A	19	40	15	30	25	22	10	38	32
B	36	40	23	30	28	120	22	113	32

Type



Dimension (mm)						
A	87	60	44	28	55	28
B	45	30	33	21	20	11.5
C	27	21	17	14	25	25
D	4	4	3.5	3	4.5	3.5
E	13.5	10.5	5.5	7	10	7.5

Item No. TO-3



Dimension (mm)								
A	B	C	D	E	F	D	H	I
42	30	14.5	3.0	11.0	29	1.5	2.0	6

Remarks: The dimension tolerance between 0 to 10 mm is + - 0.1 mm
 The dimension tolerance between 10 mm to 100 mm is + - 0.2 mm
 The dimension tolerance over 100 mm is + - 0.3 mm
 The thickness is 0.3 mm ~ 1 mm, the tolerance is + - 0.03 mm
 Dimension could be made upon customer's request