Pads

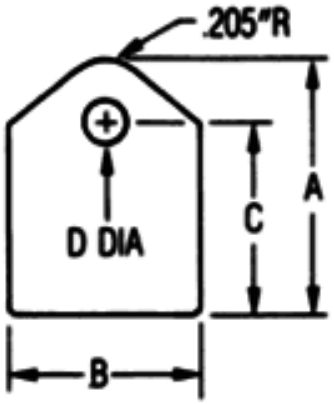
In-Sil-8 RoHS Compliant!

Thermal interface pads are thicker than double-sided tapes, but can be provided without adhesive if removal of the pad may be necessary. Pads can also be either electrically conductive or isolating. Performance of the interface pad is dependent on maintenance of correct, constant mounting pressure.

In-Sil-8

Standard Pads

When you need thermal conductance and electrical isolation in one package, In-Sil-8 Pads offer you the best of both. These silicone-based insulators come with thermally conductive fillers to isolate up to 6000 volts AC. In-Sil-8 pads withstand the rigors of assembly, harsh environments, and aging under continuous use. You'll save time with these cost-effective pads too: installation is 4 times faster than mica and grease, and they won't contaminate solder baths. Order In-Sil-8 Pads with or without pressure-sensitive adhesive, and in standard or custom shapes.



Ordering Information

In-Sil-8 pads have 12 digit ordering numbers. The 1st - 4th digits are listed in this chart, the 5th & 6th digits indicate standard configurations, and the last 6 digits are F00000. The 5th and 6th digit ordering codes along with the part dimensions are listed in the code column on the standard pads page.

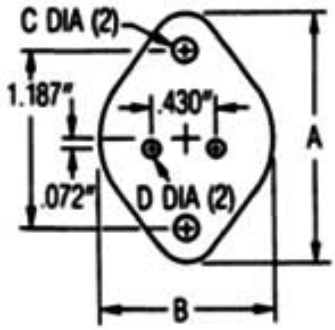
Part Numbers (With adhesive factory applied to one side)	**1886 (1896)**	**1887 (1897)**	**1888 (1898)**	**1889 (1899)**
Color	Grey	Rust	Grey	Grey
Thickness (inch)	0.006	0.009	0.007	0.009
Thickness (mm)	0.15	0.23	0.18	0.23
Thermal Res. (°C/W) **TO-3** **TO-220** **TO-218**	 0.40 1.40 0.93	 0.21 0.63 0.49	 0.33 1.25 0.77	 0.50 1.50 1.16
Breakdown Voltage	6000	5000	4000	5000
Dielectric Constant	5.5	4.5	5.5	5.5

In-Sil-8

Standard sizes

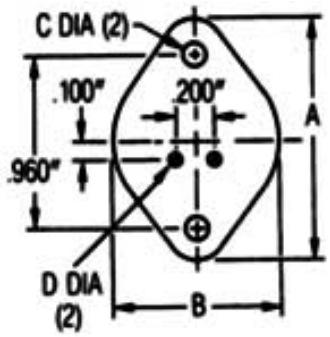
The standard sizes listed on this page are examples of some of the widely used hole patterns for In-Sil-8 Pads. Other shapes and hole patterns are available.

For TO-3



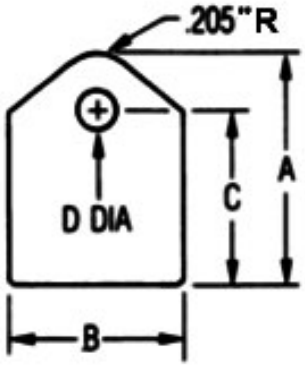
Codes	"A" Dim	"B" Dim	"C" Dim	"D" Dim
23	1.593	1.100	.156	.062
05	1.650	1.140	.140	.093
02	1.780	1.250	.140	.093
04	1.650	1.140	.122	.062
24	1.700	1.187	.156	.062
07	1.780	1.250	.165	.094

For TO-66

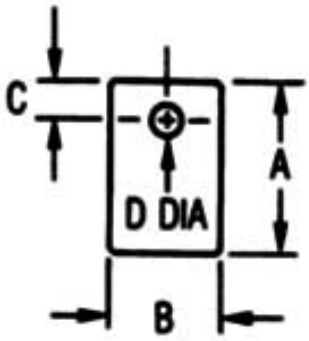


Codes	"A" Dim	"B" Dim	"C" Dim	"D" Dim
11	1.312	.762	.140	.062
30	1.250	.700	.140	.062

For TIP Packages



For TO-220, TO-218 & TO-247



Codes	"A" Dim	"B" Dim	"C" Dim	"D" Dim
65	1.260	.787	.984	.142
53	.865	.650	.650	.140
73	.984	.787	.708	.142

Codes	"A" Dim	"B" Dim	"C" Dim	"D" Dim
60	.437	.312	.140	.122
51	.687	.562	.218	.125
35	.710	.500	.160	.141
58	.750	.500	.187	.125
54	.750	.500	.187	.147
61	.750	.410	.225	.156
90	.860	.740	.200	.160