



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

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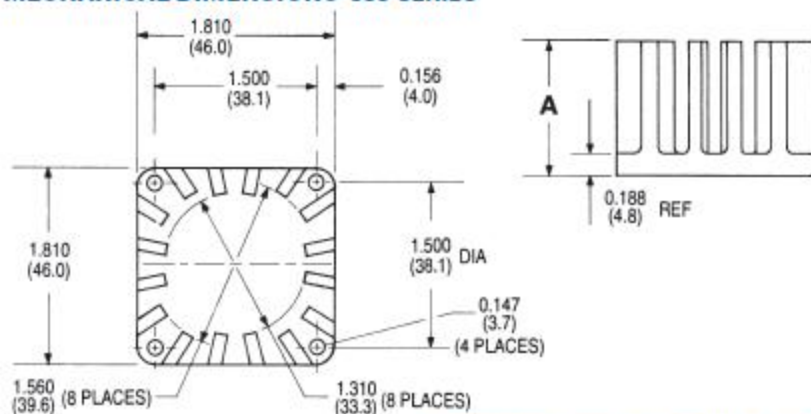




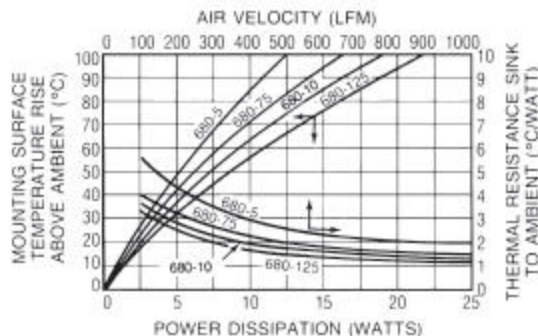
# wakefield-vette

| Standard P/N | Height Above PC Board "A" in. (mm) | Horizontal Mounting Footprint Dimensions in. (mm) | Thermal Performance at Typical Load |                   | Semiconductor Mounting Hole Pattern | Weight lbs. (grams) |
|--------------|------------------------------------|---|-------------------------------------|-------------------|-------------------------------------|---------------------|
|              |                                    |   | Natural Convection                  | Forced Convection |                                     |                     |
| 680-5A       | 0.500 (12.7)                       | 1.810 (46.0)-sq                                   | 70°C @ 7.5W                         | 3.0°C/W @ 400 LFM | (1) TO-3                            | 0.0700 (31.75)      |
| 680-75A      | 0.750 (19.1)                       | 1.810 (46.0)-sq                                   | 58°C @ 7.5W                         | 2.4°C/W @ 400 LFM | (1) TO-3                            | 0.0900 (40.82)      |
| 680-10A      | 1.000 (25.4)                       | 1.810 (46.0)-sq                                   | 52°C @ 7.5W                         | 2.0°C/W @ 400 LFM | (1) TO-3                            | 0.0980 (44.45)      |
| 680-125A     | 1.250 (31.8)                       | 1.810 (46.0)-sq                                   | 45°C @ 7.5W                         | 1.5°C/W @ 400 LFM | (1) TO-3                            | 0.1100 (49.90)      |
| 680-5220     | 0.500 (12.7)                       | 1.810 (46.0)-sq                                   | 70°C @ 7.5W                         | 3.0°C/W @ 400 LFM | (2) TO-220                          | 0.0700 (31.75)      |
| 680-75220    | 0.750 (19.1)                       | 1.810 (46.0)-sq                                   | 58°C @ 7.5W                         | 2.4°C/W @ 400 LFM | (2) TO-220                          | 0.0900 (40.82)      |
| 680-10220    | 1.000 (25.4)                       | 1.810 (46.0)-sq                                   | 52°C @ 7.5W                         | 2.0°C/W @ 400 LFM | (2) TO-220                          | 0.0980 (44.45)      |
| 680-125220   | 1.250 (31.8)                       | 1.810 (46.0)-sq                                   | 45°C @ 7.5W                         | 1.5°C/W @ 400 LFM | (2) TO-220                          | 0.1100 (49.90)      |

## MECHANICAL DIMENSIONS 680 SERIES

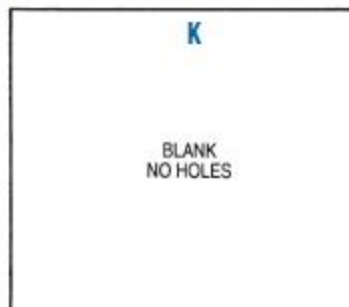
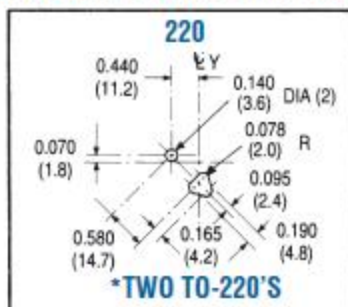
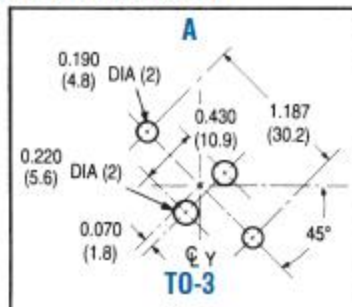


## NATURAL AND FORCED CONVECTION CHARACTERISTICS



Dimensions: in. (mm)

## SEMICONDUCTOR MOUNTING HOLES



\*Only one hole pattern of two is shown. Hole patterns are symmetrical about the center lines.