

### 33mm BGA (Pin Fin/Unidirectional Heat Sinks)

| Heat Sink Type  | Heat Sink Diameter Inches (mm) | Heat Sink Height Inches (mm) | Power (W) | Thermal Resistance (°C/W) Theta ca |         |         |         |           | Fan Size [Voltage] [Wire] | Assembly Part Number      |   |
|-----------------|--------------------------------|------------------------------|-----------|------------------------------------|---------|---------|---------|-----------|---------------------------|---------------------------|---|
|                 |                                |                              |           | 0 LFM                              | 200 LFM | 400 LFM | 600 LFM | *With Fan |                           | With 2 Leg Clip 1542378-1 |   |
|                 |                                |                              |           |                                    |         |         |         |           |                           | No Fan                    | With Fan<br>*Ball/Sleeve Bearing<br>**Double Ball Bearing |
| Pin Fin [PF(1)] | 2.000 (50.80)                  | 0.500 (12.70)                | 5         | 8.70                               | 4.35    | 3.05    | 2.15    | 3.79      | N/A                       | 6-1542012-2               | N/A   |
|                 |                                |                              | 10        | 7.99                               | 4.52    | 3.26    | 2.35    | 4.06      |                           |                           |   |
|                 |                                |                              | 15        | 7.49                               | 4.43    | 3.28    | 2.40    | 3.94      |                           |                           |   |
| Pin Fin [PF(2)] | 2.000 (50.80)                  | 0.750 (19.05)                | 5         | 7.28                               | 3.40    | 2.20    | 1.75    | 1.52      | 40X40mm [12V] [3 Wires]   | N/A                       | **5-1542009-0   |
|                 |                                |                              | 10        | 6.64                               | 3.51    | 2.40    | 1.88    | 1.53      |                           |                           |   |
|                 |                                |                              | 15        | 6.27                               | 3.54    | 2.34    | 1.91    | 1.54      |                           |                           |   |

Please refer to customer drawing for torque and other specifications.