

### 40mm 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 Numbers              |   |                                    |   |                           |   |
|-----------------|--------------------------------|------------------------------|---------------|------------------------------------|----------------------|----------------------|----------------------|----------------------|-------------------------------|------------------------------------|---|------------------------------------|---|---------------------------|---|
|                 |                                |                              |               | 0 LFM                              | 200 LFM              | 400 LFM              | 600 LFM              | *With Fan            |                               | With 4 Leg Standard Clip 1542357-1 |   | With 3 Leg Standard Clip 1542573-1 |   | With 3 Leg Clip 1542575-1 |   |
|                 |                                |                              |               |                                    |                      |                      |                      |                      |                               | No Fan                             | With Fan<br>*Ball/Sleeve Bearing<br>**Double Ball Bearing | No Fan                             | With Fan<br>*Ball/Sleeve Bearing<br>**Double Ball Bearing | No Fan                    | With Fan<br>*Ball/Sleeve Bearing<br>**Double Ball Bearing |
| Pin Fin [PF(1)] | 2.000<br>(50.80)               | 0.500<br>(12.70)             | 5<br>10<br>15 | 8.64<br>7.86<br>7.38               | 4.45<br>4.49<br>4.57 | 2.80<br>2.89<br>2.95 | 2.00<br>2.38<br>2.42 | 2.51<br>2.36<br>2.42 | 40x40mm<br>[12 V]<br>[3 Wire] | 9-1542001-7                        | **2-1542006-6   | N/A                                | N/A   | 3-1542009-3               | N/A   |
| Pin Fin [PF(2)] | 2.000<br>(50.80)               | 0.750<br>(19.05)             | 5<br>10<br>15 | 7.28<br>6.56<br>6.17               | 3.30<br>3.54<br>3.59 | 2.25<br>2.40<br>2.52 | 1.60<br>1.77<br>1.83 | 1.39<br>1.47<br>1.54 | 40x40mm<br>[12 V]<br>[3 Wire] | N/A                                | **2-1542006-7   | N/A                                | N/A   | N/A                       | N/A   |
| Pin Fin [PF(3)] | 2.000<br>(50.80)               | 1.100<br>(27.94)             | 5<br>10<br>15 | 5.64<br>5.19<br>4.83               | 2.25<br>2.45<br>2.41 | 1.55<br>1.67<br>1.68 | 1.05<br>1.25<br>1.33 | 1.29<br>1.30<br>1.31 | 40x40mm<br>[12 V]<br>[2 Wire] | 1542002-3                          | **1542002-1   | N/A                                | N/A   | N/A                       | N/A   |
| Unidirectional  | 1.985<br>(50.41)               | 0.640<br>(16.25)             | 5<br>10<br>15 | N/A                                |                      |                      |                      | 1.25<br>1.28<br>1.26 | 40x40mm<br>[12 V]<br>[3 Wire] | N/A                                | **2-1542006-9   | N/A                                | N/A   | N/A                       | N/A   |

Please refer to customer drawing for torque and other specifications.