

### 30.5mm 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 Clip 1542398-1		With 3 Leg Clip 1542399-1	
										No Fan	With Fan *Ball/Sleeve Bearing **Double Ball Bearing	No Fan	With Fan *Ball/Sleeve Bearing **Double Ball Bearing
Pin Fin [PF(1)]	1.376 (34.95)	0.500 (12.70)	5	12.44	7.13	5.19	3.85	3.64	25x25 mm [5 V] [2 Wire]	7-1542007-7	**6-1542005-4	N/A	N/A
			10	11.06	7.11	5.06	3.68	3.45					
			15	10.08	6.93	4.95	3.60	3.36					
Pin Fin [PF(2)]	1.376 (34.95)	0.750 (19.05)	5	10.96	5.14	3.80	3.00	2.87	25x25 mm [5 V] [2 Wire]	N/A	**6-1542005-5	N/A	N/A
			10	9.91	5.11	3.56	2.79	2.73					
			15	9.22	4.93	3.60	2.74	2.67					
Pin Fin [PF(3)]	1.376 (34.95)	1.100 (27.94)	5	8.60	4.10	3.05	2.35	N/A	NA	6-1542005-6	N/A	N/A	N/A
			10	7.59	4.01	2.99	2.28	N/A					
			15	7.06	3.98	2.88	2.25	N/A					
Pin Fin [PF(4)]	2.000 (50.80)	0.500 (12.70)	5	9.82	5.39	3.90	2.95	2.30	40x40 mm [12 V] [3 Wire]	7-1542003-3	**6-1542005-7	N/A	N/A
			10	8.78	5.18	3.81	2.79	2.32					
			15	8.10	5.10	3.82	2.78	2.29					
Pin Fin [PF(5)]	2.000 (50.80)	0.750 (19.05)	5	7.66	4.20	3.15	2.50	1.77	40x40 mm [12 V] [3 Wire]	N/A	**6-1542005-8	N/A	N/A
			10	6.97	4.01	2.99	2.35	1.71					
			15	6.51	3.90	2.95	2.28	1.69					
Pin Fin [PF(6)]	2.000 (50.80)	1.100 (27.94)	5	6.57	2.85	2.56	1.85	1.28	40x40 mm [12 V] [3 Wire]	N/A	**6-1542005-9	N/A	N/A
			10	5.82	2.79	2.40	1.77	1.32					
			15	5.38	2.73	2.34	1.71	1.35					

Please refer to customer drawing for torque and other specifications.