

**49.5mm 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 2 Leg Clip 1542378-1	
										No Fan	With Fan *Ball/Sleeve Bearing **Double Ball Bearing
Pin Fin [PF(1)]	2.000 (50.80)	0.750 (19.05)	5	6.78	3.50	2.75	2.10	3.79	N/A	5-1542002-8	N/A
			10	6.07	3.39	2.59	1.95	4.06			
			15	5.64	3.31	2.59	1.90	3.94			
Pin Fin [PF(2)]	2.000 (50.80)	1.100 (27.94)	5	11.21	5.54	3.60	3.05	4.18	40x40mm [12 V] [3 Wire]	N/A	N/A
			10	9.66	5.41	3.51	2.94	4.02			
			15	8.82	5.21	3.31	2.88	3.88			
Pin Fin [PF(3)]	2.000 (50.80)	2.000 (50.80)	5	3.95	1.51	1.13	0.98	N/A	N/A	8-1542000-0	N/A
			10	3.57	1.52	1.17	1.00	N/A			
			15	3.28	1.58	1.20	1.01	N/A			
Grooved	1.985 (50.41)	0.700 (17.78)	5	N/A					40x40mm [12 V] [3 Wire]	N/A	**3-1542002-7
			10	N/A							
			15	N/A							
	2.490 (63.24)	0.613 (15.57)	5	N/A					40x40mm [12 V] [3 Wire]	N/A	**3-1542003-0
10			N/A								
15			N/A								
2.490 (63.24)	0.763 (19.38)	20	N/A					40x40mm [12 V] [3 Wire]	N/A	**5-1542003-5	
		25	N/A								
		30	N/A								
Unidirectional	1.985 (50.41)	0.460 (11.68)	5	8.65	4.75	3.15	2.45	2.05	40x40mm [12 V] [3 Wire]	9-1542002-8	*9-1542002-5
			10	7.69	4.74	3.22	2.38	2.20			**9-1542002-4(2Wires)
			15	7.14	4.65	3.25	2.34	2.26			**9-1542002-7
1.985 (50.41)	0.640 (16.25)	5	6.97	3.10	2.15	1.81	1.15	40x40mm [12 V] [3 Wire]	N/A	*1-1542000-6(2Wires)	
		10	6.46	3.04	2.00	1.68	1.38			**1-1542000-5	
		15	6.09	3.03	2.00	1.65	1.40				

Please refer to customer drawing for torque and other specifications.