

## 25mm 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		4 Leg Standard Clip 1542026-1		3 Leg Standard Clip 1542409-1		2 Leg Standard Clip 1542367-1	
										No Fan	With Fan *Ball/Sleeve Bearing **Double Ball Bearing	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	12.88	6.97	4.95	3.95	3.79	25x25mm [5 V] [2 Wire]	6-1542006-6	*1-1542004-0 **4-1542005-1	1542007-9	N/A	4-1542001-4	N/A
			10	11.24	6.66	4.82	3.88	4.06							
			15	10.27	6.53	4.60	3.82	3.94							
Pin Fin [PF(2)]	1.376 (34.95)	0.750 (19.05)	5	11.21	5.54	3.60	3.05	4.18	25x25mm [5 V] [2 Wire]	3-1542004-6	*3-1542004-5 **4-1542005-2	3-1542001-7	N/A	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)]	1.376 (34.95)	1.100 (27.94)	5	9.09	3.90	3.10	2.60	NA	25x25mm [5 V] [2 Wire]	3-1542005-6	**5-1542003-7	3-1542001-3	*3-1542001-4	N/A	N/A
			10	8.26	3.91	2.89	2.52	NA							
			15	7.93	3.80	2.92	2.49	NA							
Pin Fin [PF(4)]	2.000 (50.80)	0.500 (12.70)	5	10.13	6.14	4.40	3.45	3.47	40x40mm [12 V] [2 Wire]	6-1542001-1	**5-1542001-9	3-1542008-4	N/A	6-1542001-0	N/A
			10	9.03	5.82	4.30	3.36	3.22							
			15	8.30	5.82	4.34	3.31	3.16							
Pin Fin [PF(5)]	2.000 (50.80)	0.750 (19.05)	5	8.85	4.55	3.45	2.55	1.63	40x40mm [12 V] [3 Wire]	5-1542001-3	**5-1542001-2 **4-1542008-6(5V)	N/A	**9-1542008-0 (5V)(2Wire)	5-1542001-4	**5-1542001-1
			10	7.97	5.42	3.39	2.45	1.66							
			15	7.41	4.57	3.34	2.42	1.65							
Pin Fin [PF(6)]	2.000 (50.80)	1.100 (27.94)	5	7.28	3.35	2.55	2.25	3.15	40x40mm [12 V] [3 Wire]	2-1542001-9	**2-1542001-7 **9-1542007-0(5V)(2Wire)	N/A	N/A	2-1542001-8	N/A
			10	6.37	3.22	2.42	2.13	3.14							
			15	6.00	3.18	2.38	2.09	3.17							
Grooved	1.300 (33.02)	0.695 (12.26)	5	N/A					25x25mm [5 V] [2 Wire]	N/A	N/A	N/A	N/A	N/A	*6-1542000-7 **6-1542000-6
			10												
			15												
Unidirectional	1.375 (34.92)	0.342 (8.68)	5	14.16	8.65	5.94	4.55	5.24	25x25mm [5 V] [2 Wire]	N/A	**7-1542001-2	N/A	N/A	7-1542001-1	N/A
			10	12.78	8.49	5.61	4.52	4.99							
			15	11.74	8.35	5.72	4.54	4.85							
	1.985 (50.41)	0.297 (7.54)	5	11.06	6.24	4.30	3.15	3.15	40x40mm [12 V] [2 Wire]	N/A	**2-1542003-6	N/A	N/A	NA	N/A
			10	9.86	6.04	4.15	3.04	3.14							
			15	9.10	5.94	4.28	3.00	3.17							
1.985 (50.41)	0.640 (16.25)	5	N/A					N/A	N/A	N/A	N/A	N/A	N/A	N/A	
		10													
15															

Please refer to customer drawing for torque and other specifications.