

31mm 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 4 Leg Clip 1542425-1		With 3 Leg Clip 1542567-1		
										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]	8-1542001-7	**7-1542005-0	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]	8-1542001-8	**7-1542005-1	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	N/A	8-1542001-9	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]	9-1542001-1	**7-1542005-3	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]	9-1542001-2	**7-1542005-4	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	N/A	9-1542001-4	N/A	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						
Unidirectional [Uni (1)]	1.985 (50.41)	0.640 (16.25)	5	8.79	4.36	3.35	2.74	1.57	40x40 mm [12 V] [3 Wire]	NA	**7-1542005-6	N/A	N/A	
			10	7.79	4.34	3.30	2.90	1.60						
			15	7.19	4.28	3.19	2.83	1.57						