TO-3; TO-66; TO-220

HIGHEST EFFICIENCY/LOWEST UNIT COST HEAT SINKS

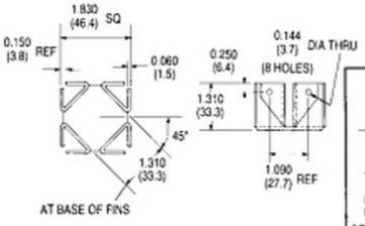
690 SERIES



These low-cost heat sinks provide the most power dissipation at the lowest unit cost and are available in three standard types to mount and cool one TO-3 or TO-66 metal power semiconductor type or two plastic package TO-220 power semiconductor types. For higher power semiconductors, the **690 Series** can dissipate up to 20 watts while maintaining a mounting surface temperature rise above ambient air temperature of no more than 91°C.

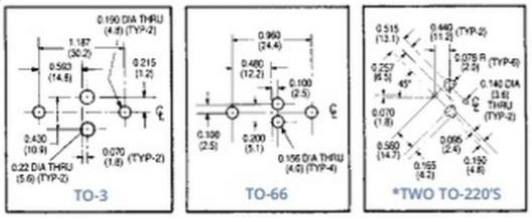
Standard P/N	Height Above PC Board in. (mm)	Outline Dimensions in. (mm)	Thermal Performance at Typical Load		Semiconductor Mounting Hole Pattern	Weight lbs. (grams)
			Natural Convection	Forced Convection		
690-3B	1.310 (33.3)	1.860 (47.2)-sq	44°C @ 7.5W	2.0°C/W @ 400 LFM	(1) TO-3	0.0700 (31.75)
690-66B	1.310 (33.3)	1.860 (47.2)-sq	44°C @ 7.5W	2.0°C/W @ 400 LFM	(1) TO-66	0.0700 (31.75)
690-220B	1.310 (33.3)	1.860 (47.2)-sq	44°C @ 7.5W	2.0°C/W @ 400 LFM	(2) TO-220	0.0700 (31.75)
Material: Aluminum, Black Anodized						

MECHANICAL DIMENSIONS

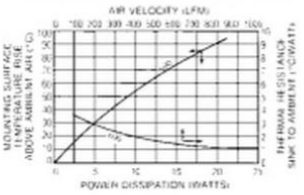


Dimensions: in. (mm)

SEMICONDUCTOR MOUNTING HOLES



NATURAL AND FORCED CONVECTION CHARACTERISTICS



Unikeyic Electronics

Global Electronic Components Distributor

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Wakefield-Vette:

231-69PAB-15V 511-3U 528-24AB-MS4 DC0301005U2B-BT0 TEC-20-33-31 120963 240-118ABH-22 625-45AB 634-20ABPE 657-20ABEP RAPID-L120 STRTLED-4650 511-6U 121726 124646 127715 3687051 3687146 BT-301-50M-EQZ DB0870605H1A-BT0 DUALLED-5880 302MM 422C-280SSE-CKP 960-27-23-D-AB-0 DS0803812U2B-BT0 139-5H 624-60AB 677-20ABPE 510-3M PINLED-4850