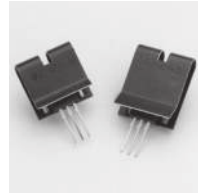


## BOARD LEVEL POWER SEMICONDUCTOR HEAT SINKS



### 243 SERIES

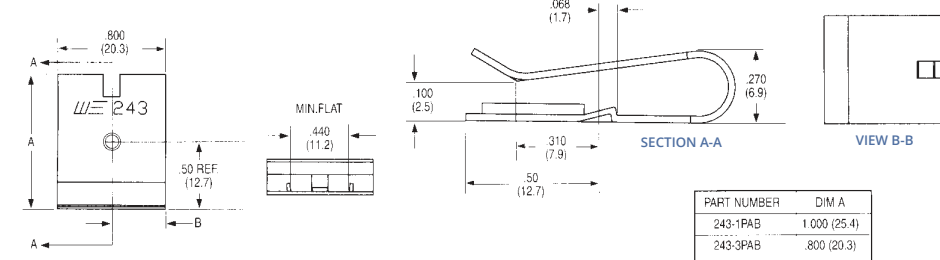
LABOR-SAVING CLIP-ON HEAT SINKS

TO-220

Standard P/N	Height Above PC Board in. (mm)	Footprint Dimensions in. (mm)	Mounting Configuration	Solderable Tab Options	Mounting Style	Thermal Performance at Typical Load	
						Natural Convection	Forced Convection
243-1PAB	1.000 (25.4)	.800 (20.3) x .270 (6.9)	Vert./Horiz.	No Tab	Clip	50°C@ 2W	4.5°C/W @ 400 LFM
243-3PAB	.800 (20.3)	.800 (20.3) x .270 (6.9)	Verl./Horiz.	No Tab	Clip	78°C@ 2W	8.2°C/W @ 400 LFM

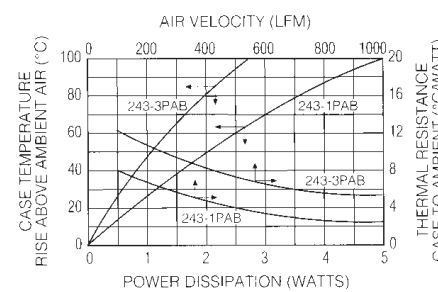
**Material:** Aluminum, Pre-anodized Black

#### MECHANICAL DIMENSIONS

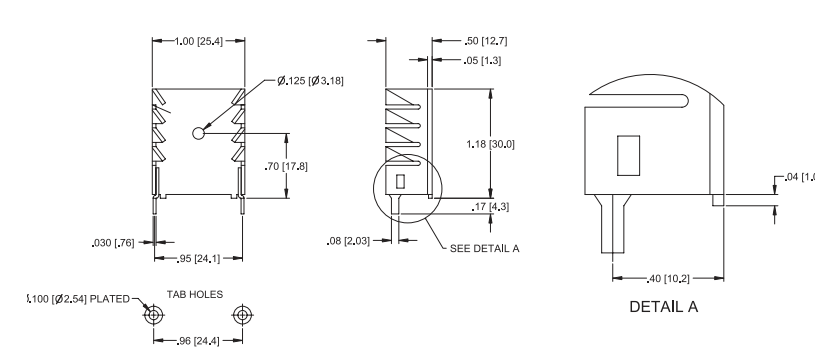


Dimensions: in. (mm)

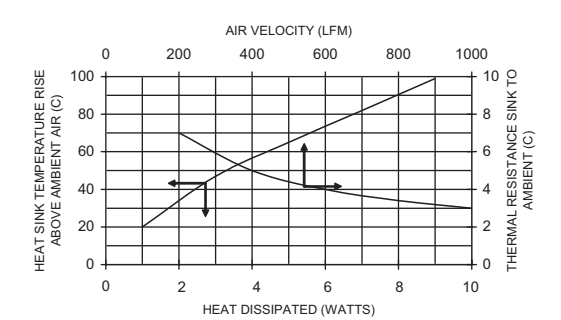
#### NATURAL AND FORCED CONVECTION CHARACTERISTICS



#### MECHANICAL DIMENSIONS



#### NATURAL AND FORCED CONVECTION CHARACTERISTICS



TO-220

SNAP-DOWN SELF-LOCKING HEAT SINKS

### 239 SERIES

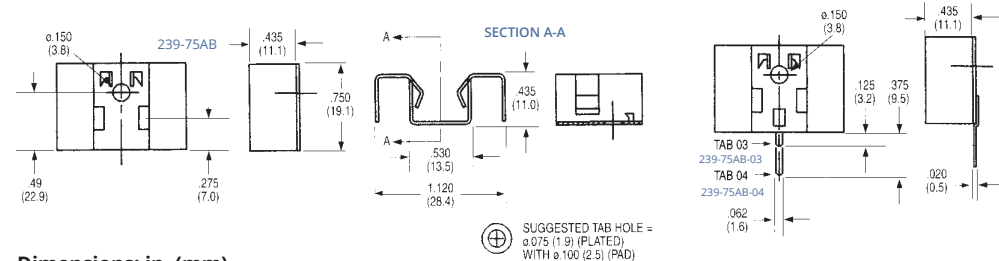


PATENT  
PENDING

Standard P/N	Height Above PC Board in. (mm)	Footprint Dimensions in. (mm)	Mounting Configuration	Solderable Tab Options	Mounting Style	Thermal Performance at Typical Load	
						Natural Convection	Forced Convection
239-75AB	.750 (19.1)	1.120 (28.4) x .435 (11.0)	Vert./Horiz	No Tab	Clip/Mtg Hole	38°C @ 2W	6°C/W @ 400 LFM
239-75ABE-03	.750 (19.1)	1.120 (28.4) x .435 (11.0)	Vertical	03	Clip/Mtg Hole	38°C @ 2W	6°C/W @ 400 LFM
239-75ABE-04	.750 (19.1)	1.120 (28.4) x .435 (11.0)	Vertical	04	Clip/Mtg Hole	38°C @ 2W	6°C/W @ 400 LFM

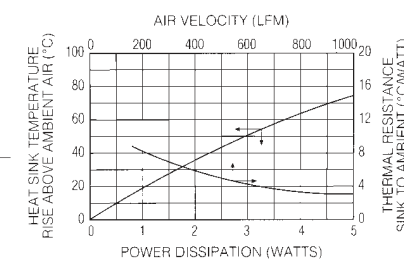
**Material:** Aluminum, Black Anodized

#### MECHANICAL DIMENSIONS



Dimensions: in. (mm)

#### NATURAL AND FORCED CONVECTION CHARACTERISTICS



### 286DB SERIES

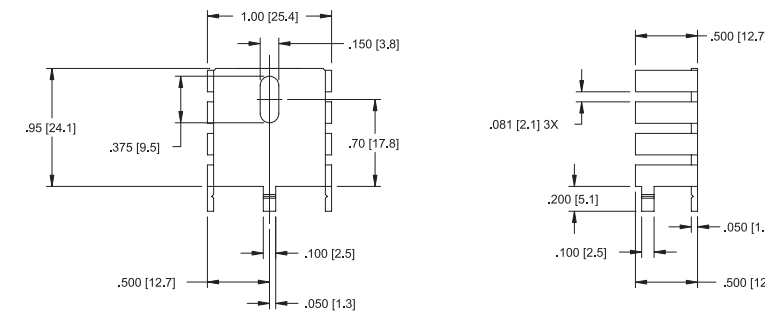
VERTICAL MOUNT HEAT SINK

TO-220

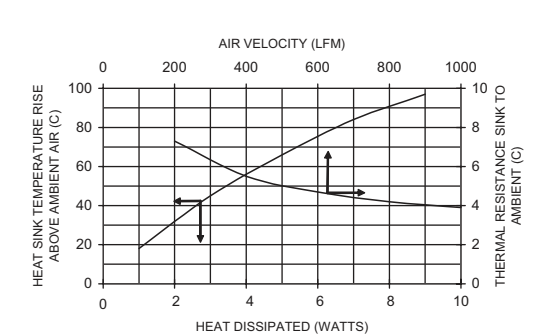
Standard P/N	Height Above PC Board in. (mm)	Maximum Footprint in. (mm)	Thermal Performance at Typical Load	
			Natural Convection	Forced Convection
286DBE	.95 (24.1)	1.00 (25.4) x .50 (12.7)	65°C rise @ 4W	9.0°C/W @ 200LFM

**Material:** Aluminum, Black Anodized

#### MECHANICAL DIMENSIONS



#### NATURAL AND FORCED CONVECTION CHARACTERISTICS



Contact us: (603) 635-2800