

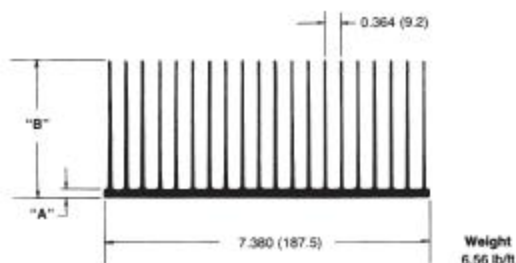
Standard Catalog P/N <sup>(1)</sup>	Milled Base <sup>(1)</sup>	Nonmilled Base <sup>(2)</sup>	Base Width in. (mm)	Length in. (mm)	Height		Thermal Resistance <sup>(3)</sup> ( $\theta_{sa}$ ) at Typical Load	
					Milled Base <sup>(1)</sup> ("M Series") in. (mm)	Nonmilled Base <sup>(2)</sup> ("U" Series) in. (mm)	Natural Convection <sup>(3)</sup> (°C/W)	Forced Convection <sup>(4)</sup> (°C/W @ 100 CFM)
510-3M	510-3U	510-3U	7.380 (187.452)	3.000 (76.2)	3.106 (78.9)	3.136 (79.7)	0.56	0.088
510-6M	510-6U	510-6U	7.380 (187.452)	6.000 (152.4)	3.106 (78.9)	3.136 (79.7)	0.38	0.070
510-9M	510-9U	510-9U	7.380 (187.452)	9.000 (228.6)	3.106 (78.9)	3.136 (79.7)	0.29	0.066
510-12M	510-12U	510-12U	7.380 (187.452)	12.000 (304.8)	3.106 (78.9)	3.136 (79.7)	0.24	0.062
510-14M	510-14U	510-14U	7.380 (187.452)	14.000 (355.6)	3.106 (78.9)	3.136 (79.7)	0.21	0.059
511-3M	511-3U	511-3U	5.210 (132.33)	3.000 (76.2)	2.350 (59.7)	2.410 (61.2)	0.90	0.120
511-6M	511-6U	511-6U	5.210 (132.33)	6.000 (152.4)	2.350 (59.7)	2.410 (61.2)	0.65	0.068
511-9M	511-9U	511-9U	5.210 (132.33)	9.000 (228.6)	2.350 (59.7)	2.410 (61.2)	0.56	0.060
511-12M	511-12U	511-12U	5.210 (132.33)	12.000 (304.8)	2.350 (59.7)	2.410 (61.2)	0.45	0.045
512-3M	512-3U	512-3U	7.200 (182.88)	3.000 (76.2)	2.350 (59.7)	2.410 (61.2)	0.90	0.120
512-6M	512-6U	512-6U	7.200 (182.88)	6.000 (152.4)	2.350 (59.7)	2.410 (61.2)	0.65	0.068
512-9M	512-9U	512-9U	7.200 (182.88)	9.000 (228.6)	2.350 (59.7)	2.410 (61.2)	0.56	0.060
512-12M	512-12U	512-12U	7.200 (182.88)	12.000 (304.8)	2.350 (59.7)	2.410 (61.2)	0.45	0.045

## MECHANICAL DIMENSIONS

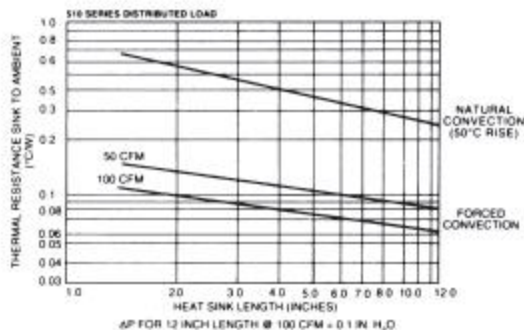
### 510 SERIES

### 510 Series (Extrusion Profile 5113)

Series	A	B	Flatness
510-U	0.216 (5.5)	3.136 (79.7)	0.006 in./in. (0.15 mm/mm)
510-M	0.165 (4.2)	3.106 (78.9)	0.002 in./in. (0.05 mm/mm)



## NATURAL AND FORCED CONVECTION CHARACTERISTICS



### 511 AND 512 SERIES

### 511 Series (Extrusion Profile 6438-1)

### 512 Series (Extrusion Profile 6438-2)

Series	A	B	C	Flatness
511-U 512-U	0.250 (6.4)	2.410 (61.2)	0.372 (9.4)	0.006 in./in. (0.15 mm/mm)
511-M 512-M	0.220 (5.6)	2.350 (59.7)	0.342 (8.7)	0.002 in./in. (0.05 mm/mm)

