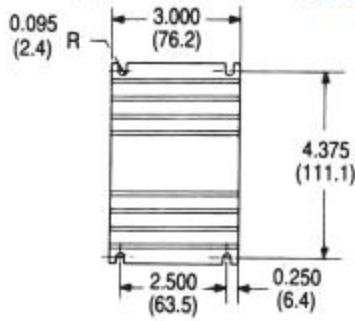
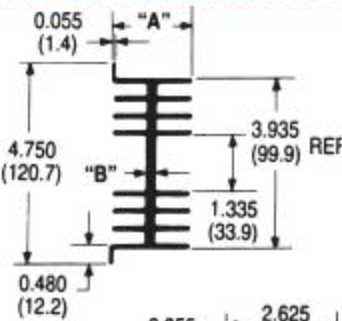


# wakefield-vette

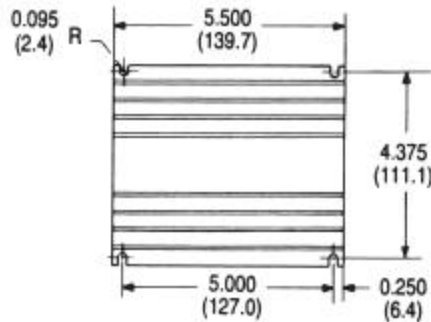
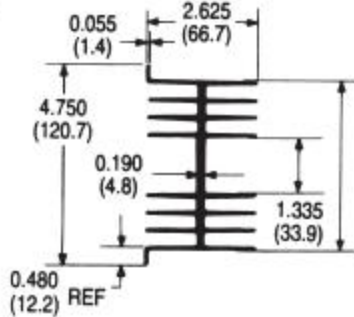
| Standard P/N | Width in. (mm) | Nominal Dimensions |                     | Semiconductor Mounting Hole Pattern | Thermal Performance at Typical Load |                    | Weight lbs. (grams) |
|--------------|----------------|--------------------|---------------------|-------------------------------------|-------------------------------------|--------------------|---------------------|
|              |                | Length in. (mm)    | Height "A" in. (mm) |                                     | Natural Convection                  | Forced Convection  |                     |
| 413A         | 4.750 (120.7)  | 3.000 (76.2)       | 1.875 (47.6)        | (1) TO-3                            | 72°C @ 50W                          | 0.85°C/W @ 250 LFM | 0.6300 (285.77)     |
| 413F         | 4.750 (120.7)  | 3.000 (76.2)       | 1.875 (47.6)        | 0.270 in. (6.9)-Dia Hole            | 72°C @ 50W                          | 0.85°C/W @ 250 LFM | 0.6300 (285.77)     |
| 413K         | 4.750 (120.7)  | 3.000 (76.2)       | 1.875 (47.6)        | None                                | 72°C @ 50W                          | 0.85°C/W @ 250 LFM | 0.6300 (285.77)     |
| 421A         | 4.750 (120.7)  | 3.000 (76.2)       | 2.625 (66.7)        | (1) TO-3                            | 58°C @ 50W                          | 0.7°C/W @ 250 LFM  | 0.6300 (285.77)     |
| 421F         | 4.750 (120.7)  | 3.000 (76.2)       | 2.625 (66.7)        | 0.270 in. (6.9)-Dia Hole            | 58°C @ 50W                          | 0.7°C/W @ 250 LFM  | 0.6300 (285.77)     |
| 421K         | 4.750 (120.7)  | 3.000 (76.2)       | 2.625 (66.7)        | None                                | 58°C @ 50W                          | 0.7°C/W @ 250 LFM  | 0.6300 (285.77)     |
| 423A         | 4.750 (120.7)  | 5.500 (140.2)      | 2.625 (66.7)        | (1) TO-3                            | 47°C @ 50W                          | 0.5°C/W @ 250 LFM  | 1.1700 (530.71)     |
| 423K         | 4.750 (120.7)  | 5.500 (140.2)      | 2.625 (66.7)        | None                                | 47°C @ 50W                          | 0.5°C/W @ 250 LFM  | 1.1700 (530.71)     |

## MECHANICAL DIMENSIONS 413 SERIES (EXTRUSION PROFILE 2276) 421 SERIES (EXTRUSION PROFILE 1025) 423 SERIES (EXTRUSION PROFILE 1025)

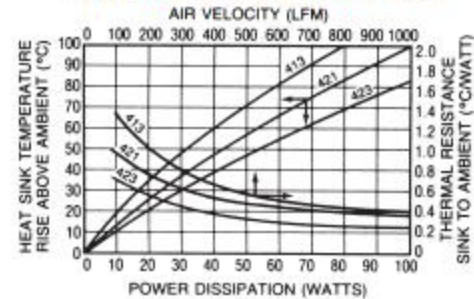


| SERIES | "A"          | "B"         |
|--------|--------------|-------------|
| 413    | 1.875 (47.6) | 0.200 (5.1) |
| 421    | 2.625 (66.7) | 0.190 (4.8) |

Dimensions: in. (mm)



## NATURAL AND FORCED CONVECTION CHARACTERISTICS



## SEMICONDUCTOR MOUNTING HOLES

