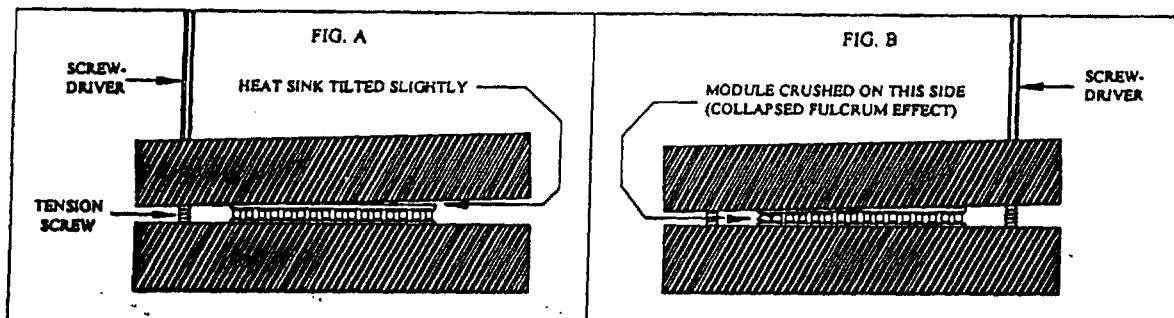


**SPEC. SHEET
FOR
9080-PM**

WARNING

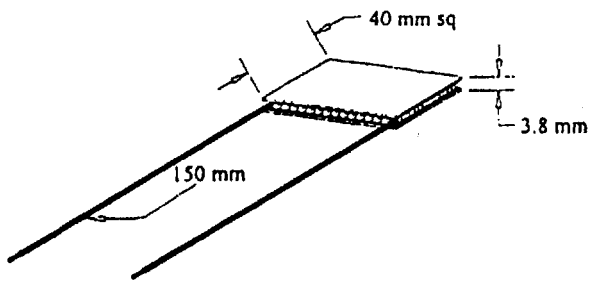
Before applying power to a thermoelectric module, make sure the hot side is mounted to a heat sink that is sufficiently rated for dissipating the heat that is produced and pumped by the module. Powering a thermoelectric module without provision for a heat sink can result in module failure and possible injury to the user.

In applying compression to a thermoelectric module, take extra care to adjust pressure slowly at each compression point, so that compression across the surface area of the module can be roughly equalized throughout the adjustment process. A common error is to tighten one side so that it tips below the top surface of the module (Fig. A); then when pressure is increased on the opposite side, it creates leverage which crushes the module (Fig. B). The greater the number of compression points or their distance from the module, the greater the likelihood of damaging the module in this manner. Try to use only two compression points per module (if possible) and keep them in close proximity to the module (within 0.25").

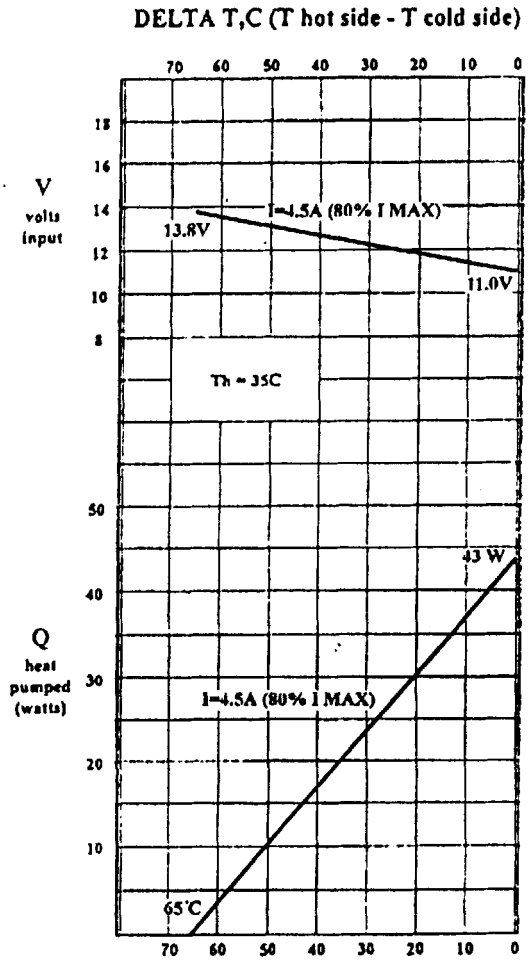


MARLIN P. JONES & ASSOC. INC.
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Product Specifications:
 $\Delta T_{MAX} = 65^{\circ} C$
 $Q_{MAX} = 43 W$
 @ $I_{MAX} = 5.6 A$
 $V_{MAX} = 16.1 V$
 $T_{HOT} = 50^{\circ} C$



DELTA T,C (T hot side - T cold side)