



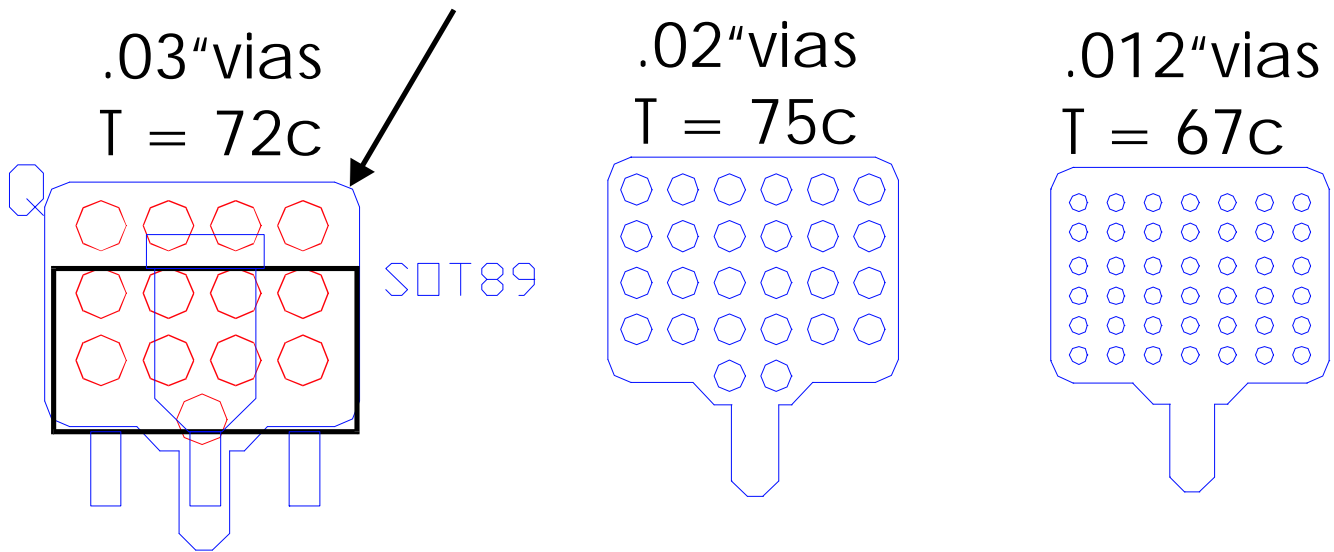
## SOT-89 PCB MOUNTING CONSIDERATIONS

Hole diameter is limited by pcb thickness usually 2 x pcb thk.

Hole density is limited by fab tolerance usually .01"

SN63 Solder paste water clean

Use .02" oversize solder template

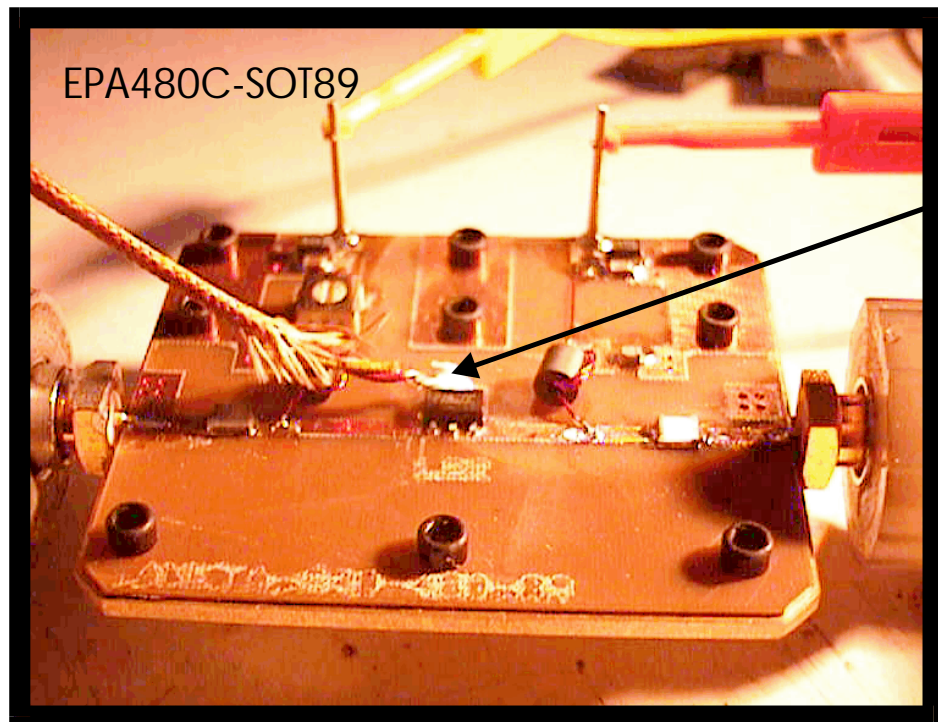


$V_{ds} = 7.0v$ ,  $I_{DS} = .5amp$

SOT-89:

$R_{\theta} = 30 C/W$

A 105C temperature drops between tab and device junction. A maximum junction temperature of 150c is recommended.



Thermo couple at tab. Si grease