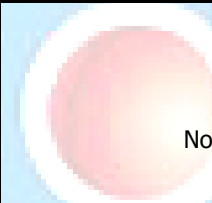
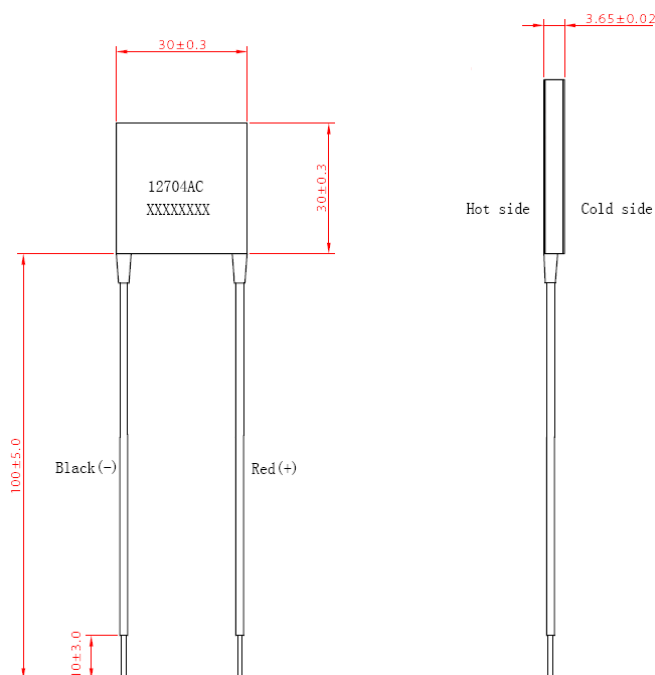


PE1-12704AC-S

Parameters			Remarks
Internal resistance	3.5 Ω ± 10%		Note-1
Imax.	3.9 A		Note-2
Vmax.	15.7 V		Note-3
	Th=27°C	Th=50°C	
Qmax.	35.2 W	39 W	Note-4
ΔTmax.	70 °C	77 °C	Note-5
solder melting point	235 °C		Note-6
Maximum. compress.	1MPa		Note-7
<div></div> <p>Note-1 Measured by AC 4-terminal method at 25°C. Note-2 Maximum current at ΔTmax. Note-3 Maximum voltage at ΔTmax. Note-4 Maximum cooling capacity at Imax.,Vmax. and ΔT=0°C. Note-5 Maximum temperature difference at Imax.,Vmax. and Q=0W. (Maximum parameters are measured in a vacuum 1.3P) Note-6 The solder melting point of thermoelectric module Note-7 Recommended maximum compression (not destruction limit)</p>			



Recommendations:

- Operating range: -40 °C to + 100 °C
- Dropping or exerting mechanical shock will cause breakage, take care in handling
- Thinly spread thermally conductive grease should be placed between module and heat exchanger
- Surface deviation from flatness should be kept under 0.02mm
- For optimum reliability and performance it is recommended that the module be utilised <0.71 max



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