Peltier Cooler - 61.6W

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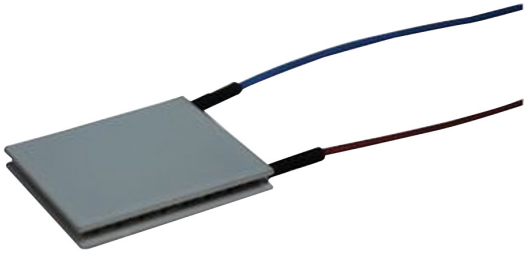

Features:

Transducer Function: Thermoelectric modules

Specifications:

Parameters			Remarks
Internal resistance	3.3Ω ± 10%		Note-1
Imax.	5A		Note-2
Vmax.	20V		Note-3
	Th=25°C		
Qmax.	61.8W		Note-4
⊿Tmax.	74°C		Note-5
Solder Melting Point	232°C		Note-6
Max. Compress	1MPa		Note-7
Operating Temperature	-150°C to +200°C		
External Depth	3.7mm		
External Length / Height	40mm		

Note-1 Measured by AC 4-terminal method at 25°C
Note-2 Max. current at ⊿Tmax
Note-3 Max. voltage at ⊿Tmax
Note-4 Max. cooling capacity at Imax.,Vmax. and ⊿T=0°C
Note-5 Max. temperature difference at Imax.,Vmax. and Q=0W
(Max. parameters are measured in a vacuum 1.3P)
Note-6 The solder melting point of thermoelectric module
Note-7 Recommended Max. compression (not destruction limit)

Recommendations:

- High power cycling applications in ON/OFF mode
- Recommended operation current not higher than 0.7 of Imax
- Preferable application; thermal management / cycling at high temperatures

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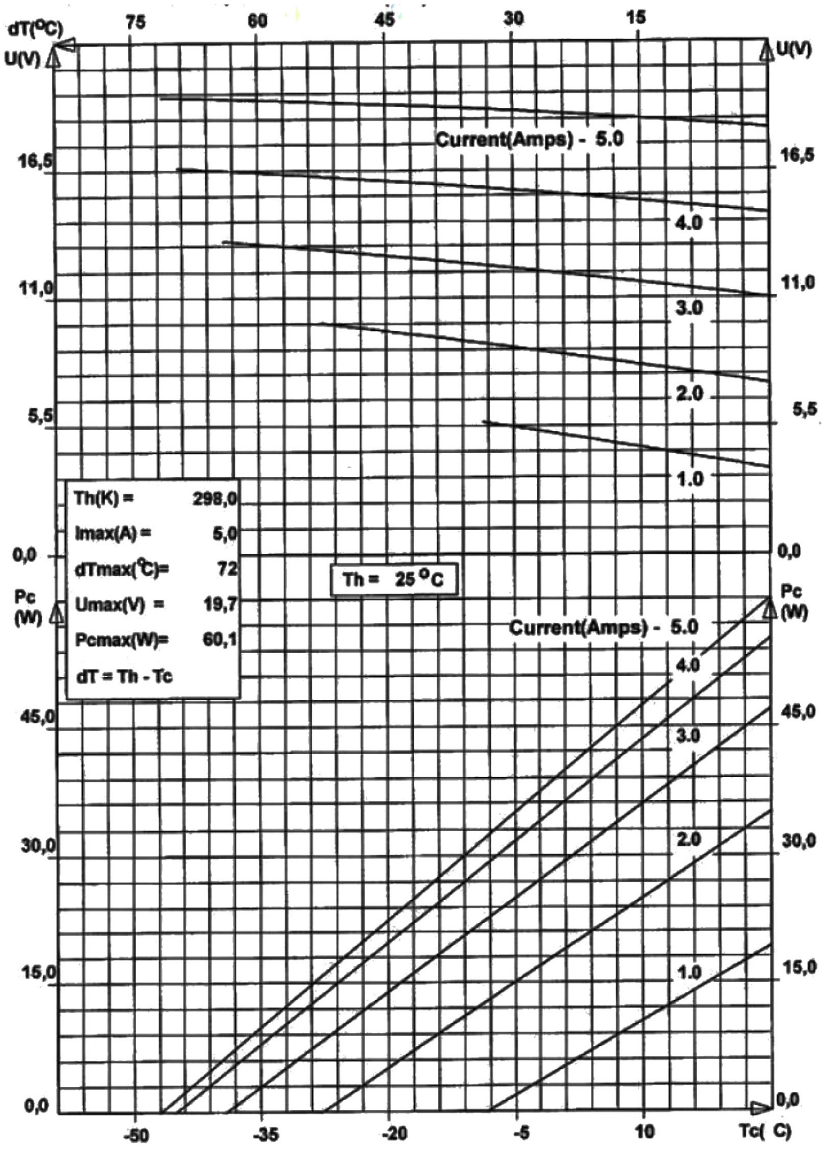
2-3 Performance Graph



Part Number Table

Description	Part Number
Peltier Cooler, 61.6W	MCPF-161-12-14-E

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