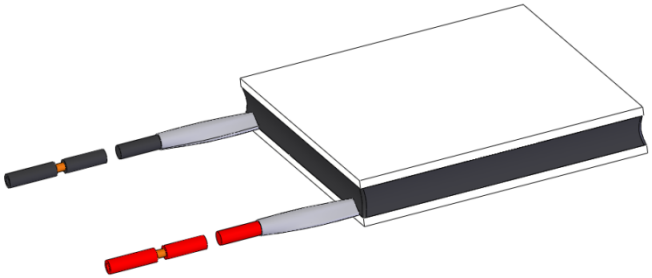
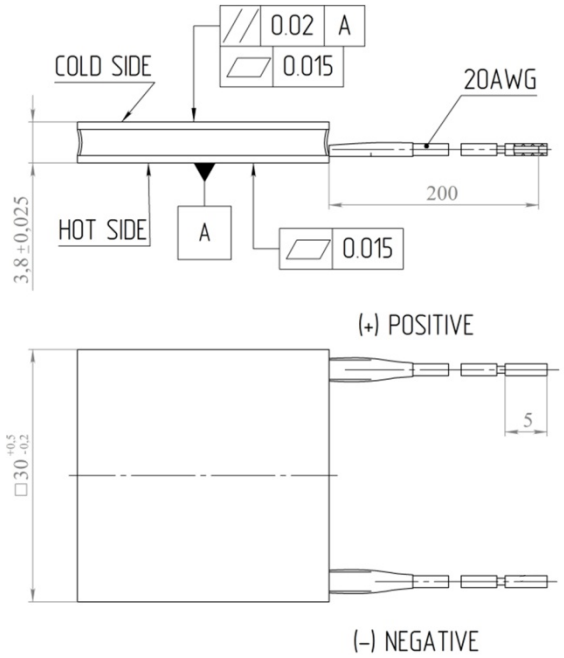
Distributor: AMS Technologies with regional offices in Germany, UK, France, Sweden, Italy, Spain and Poland,
E-mail: info@amstechnologies.com ,
Kryotherm Webshop: http://www.amstechnologies-webshop.com/Kryotherm

SPECIFICATION OF THERMOELECTRIC MODULE AMS-31-2.0-1.5 (30x30) HT120 E L2 70K



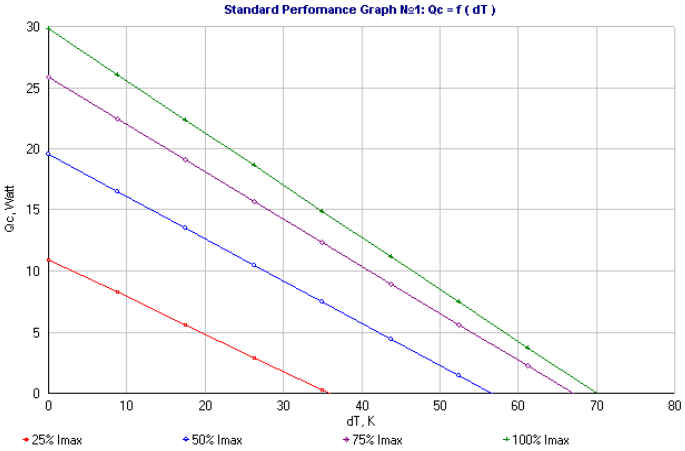


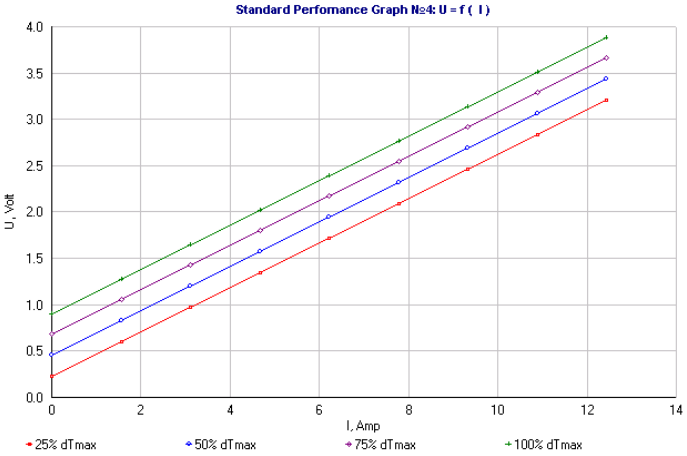
TEM with solder tabs, wires carefully sealed around solder tabs, 200mm wires, the TEM wires stripped and without tinning, the cut insulation remaining at the wire end.

Thermoelectric parameters	*Unit*	*Value*
Imax	**Amps**	**12,4**
Umax	**Volts**	**3,9**
ΔTmax	**K**	**70**
Qmax	**Watts**	**29,8**
R_{ac} (*at 295 K*), ±10%	**Ohm**	**0,24**
All parameters except R_{ac} are given at Th=300 K		

Option	*Unit*	*Value*
Ceramic material	**-**	**Al_2O_3**
Height tolerance	**mm**	**± 0,025**
Flatness	**mm**	**0,015**
Parallelism	**mm**	**0,02**
Sealant: epoxy	**-**	**E**
Max. processing temperature*	**°C**	**130**
Max. operating temperature	**°C**	**120**
Type of lead wires	**-**	**20 AWG**
ROHS compliance	**-**	**Yes**

* The maximum processing temperature influence on the module and must not exceed 2 minutes





Manufactured by:

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