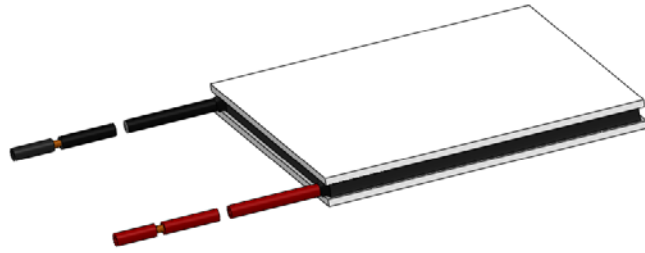


SPECIFICATION OF THERMOELECTRIC MODULE AMS-127-1.4-1.15 (40x40) HT120 E L2 71K

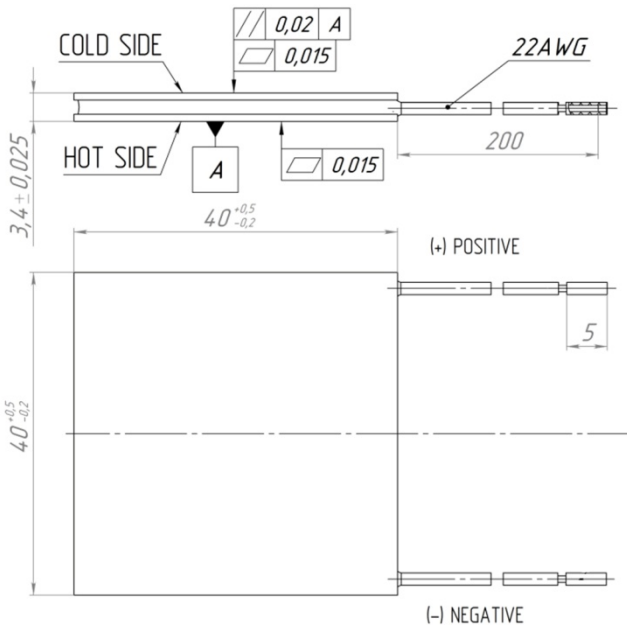


Thermoelectric parameters	Unit	Value
I_{max}	Amps	8,0
U_{max}	Volts	16,1
ΔT_{max}	K	71
Q_{max}	Watts	80,0
R_{ac} (at 295 K), ±10%	Ohm	1,5

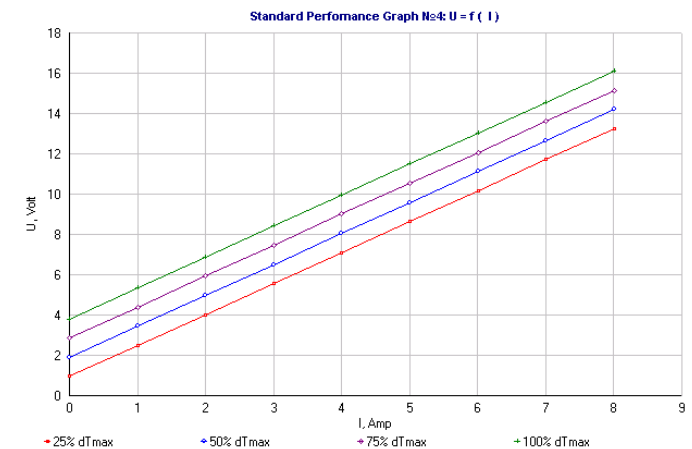
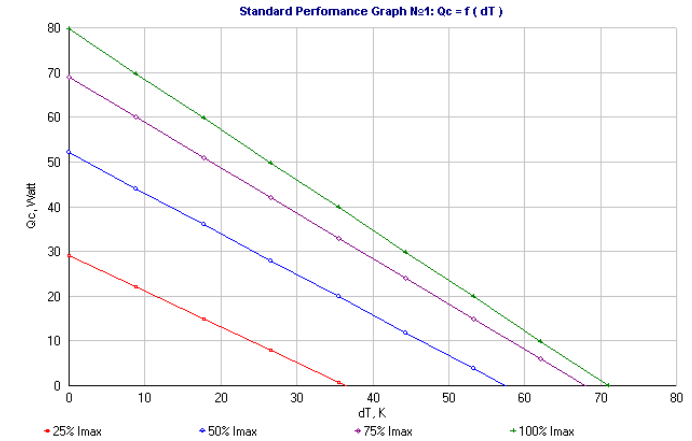
All parameters except R_{ac} are given at Th=300 K

Option	Unit	Value
Ceramic material	-	Al₂O₃
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	-	22 AWG
ROHS compliance	-	Yes

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



TEM no solder tabs, 200mm wires, the TEM wires stripped and without tinning, the cut insulation remaining at the wire end.



Manufactured by:



6 Aerodromnaya street, Saint-Petersburg, 197348 Russia