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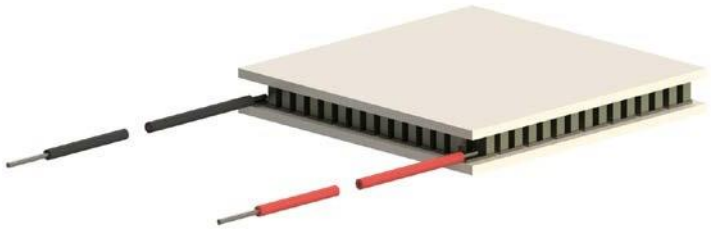
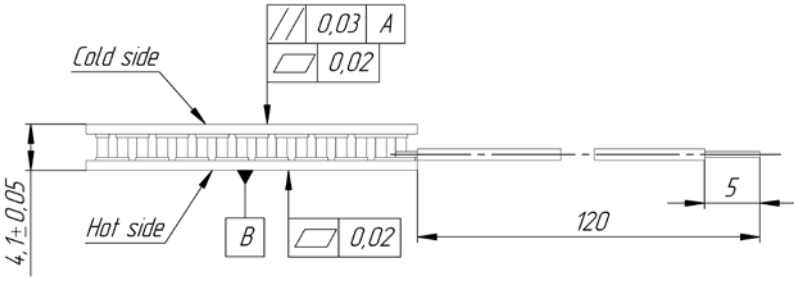
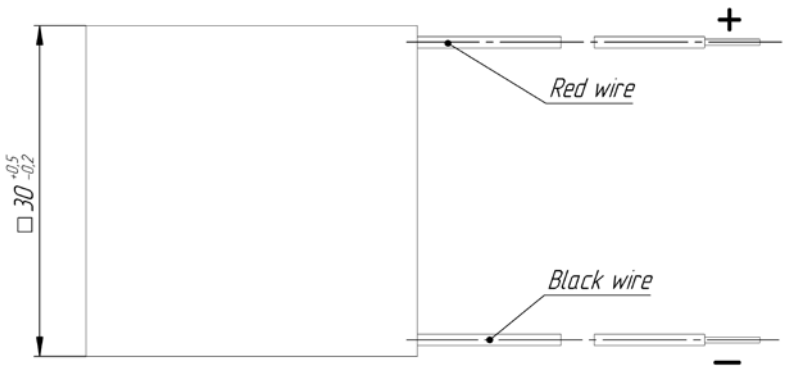
SPECIFICATION OF THERMOELECTRIC MODULE TB-127-1.0-1.8



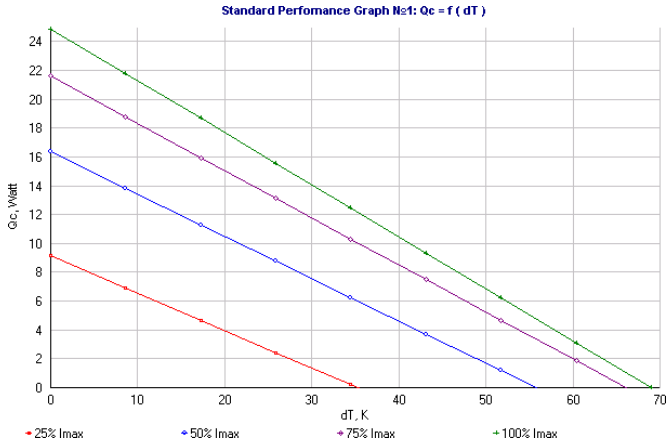


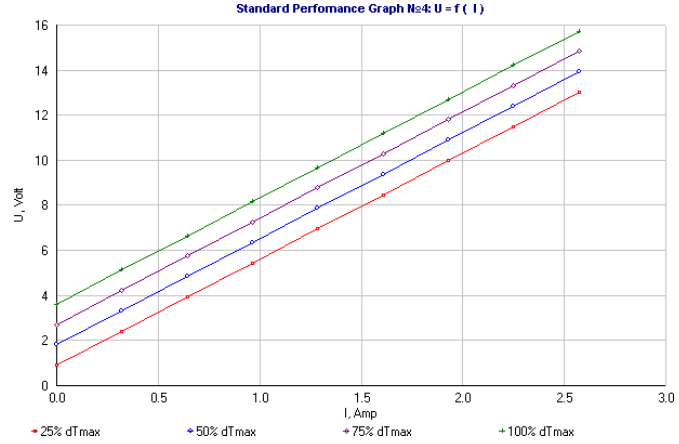


Thermoelectric parameters	*Unit*	*Value*
Imax	**A**	**2.6**
Umax	**V**	**15.7**
ΔTmax ≥	**K**	**69**
Qmax ≥	**W**	**24.9**
R_{ac} (*at 295 K*)	**Ohm**	**4.35**
Tolerance R_{ac}	**%**	**±10**
All parameters except R_{ac} are given at Th=300 K		

Assembly parameters	*Unit*	*Value*
Wires	**HB-0.2 4 600**	
Cross section	**mm²**	**0.2**
Metallization	**-**	
Sealing	**-**	
Internal solder	**°C**	**139**

Operational parameters	*Unit*	*Value*
Working temperature range	**°C**	**-50 ÷ +80**
Max. processing temperature	**°C**	**130**
ROHS compliance		**Yes**





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