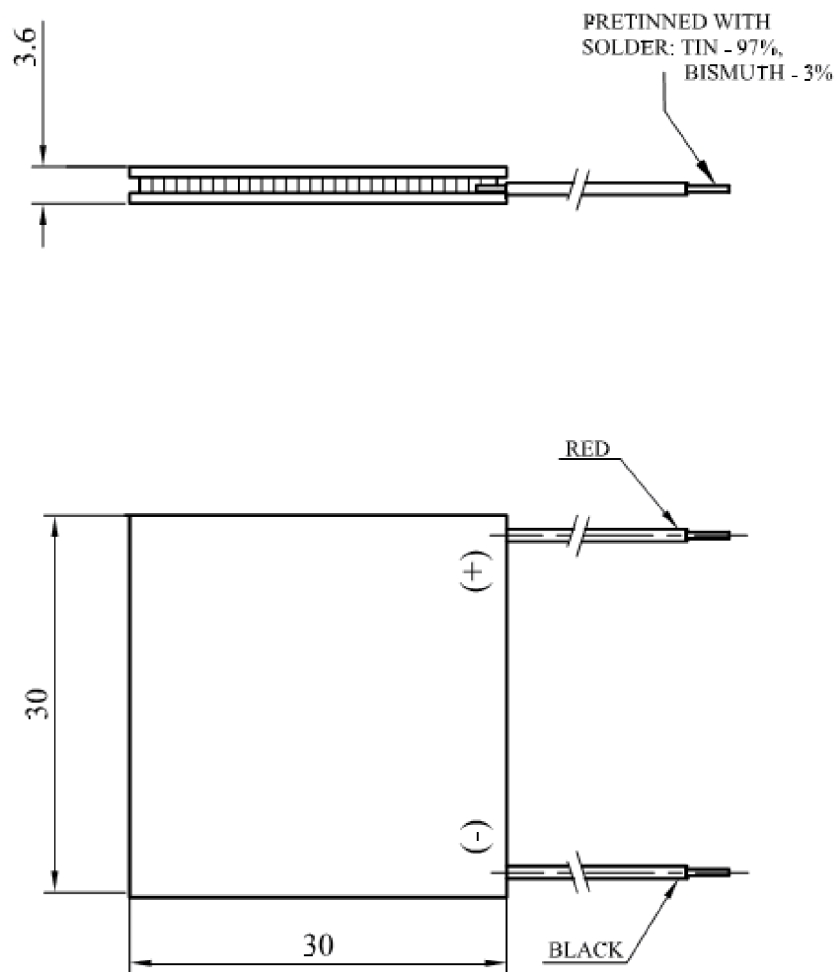




MT1-1.5-127

6, Moskovskiy Avenue, 04073, Kiev, Ukraine,
Tel: (380-44)-490-93-02, (380-44)-464-70-51, Tel/Fax: (380-44)-419 90 30,
E-mail: Modul@modulua.kiev.ua, [http:// www.spf-modul.com](http://www.spf-modul.com)

Drawing



Performance Specification

Parameters	at $T_h = 27^\circ\text{C}$	at $T_h = 50^\circ\text{C}$
I max, Amps	3.2	3.2
V max, Volts	14.7	16.4
Q max, Watts	29	32.6
ΔT max (min), K	70	79
R, Ohm	4.2	4.6

I_{max} – Input current at $Q_c=0$, $\Delta T=\Delta T_{\text{max}}$;

Q_{max} – Maximum heat pumping capacity at $\Delta T=0$, $I=I_{\text{max}}$;

V_{max} – DC input voltage at $Q_c=0$, $I=I_{\text{max}}$;

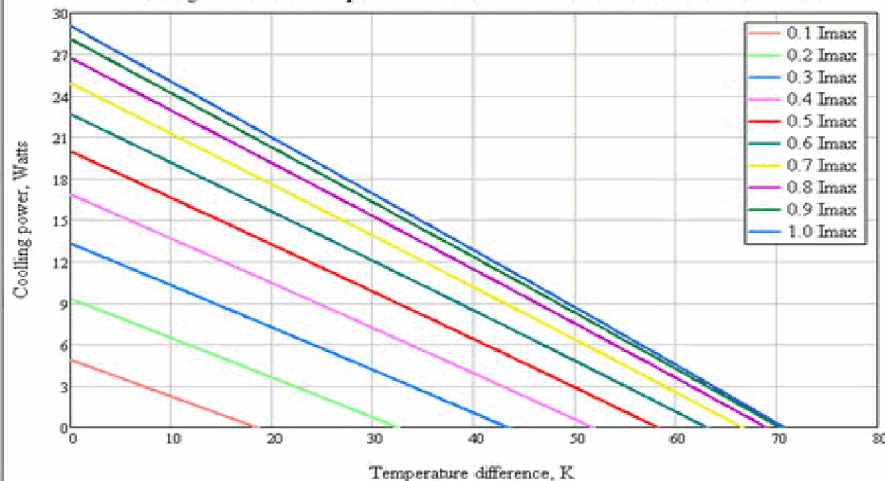
ΔT_{max} – Maximum temperature difference at $Q_c=0$, $I=I_{\text{max}}$;

T_h – Temperature at hot side.

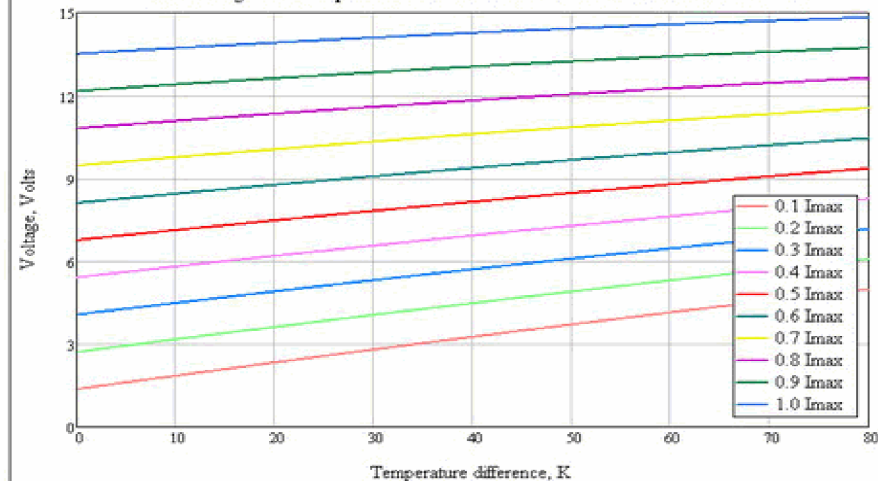
Maximum operating temperature 90°C

Custom designed modules are available.

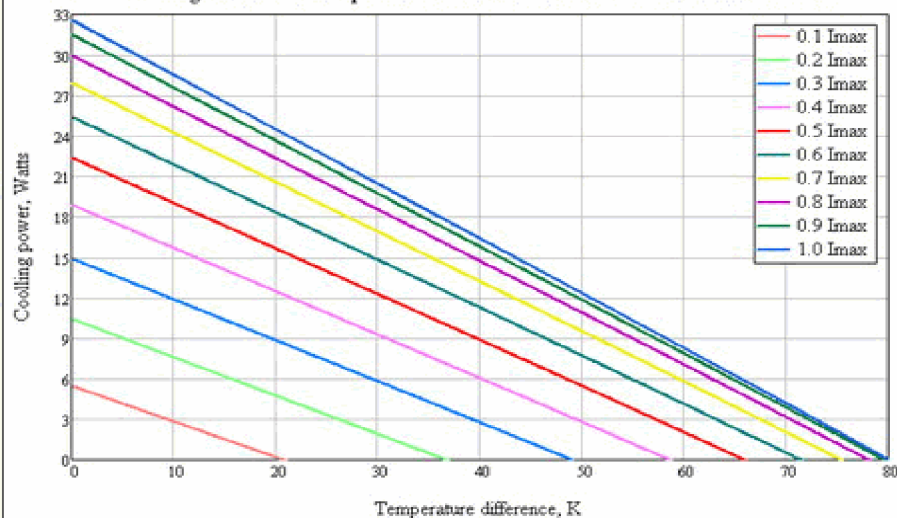
Cooling Power vs. Temperature Difference at $T_h=27^\circ\text{C}$ for Different I_{max}



The Voltage vs. Temperature Difference at $T_h=27^\circ\text{C}$ for Different I_{max}



Cooling Power vs. Temperature Difference at $T_h=50^\circ\text{C}$ for Different I_{max}



The Voltage vs. Temperature Difference at $T_h=50^\circ\text{C}$ for Different I_{max}

