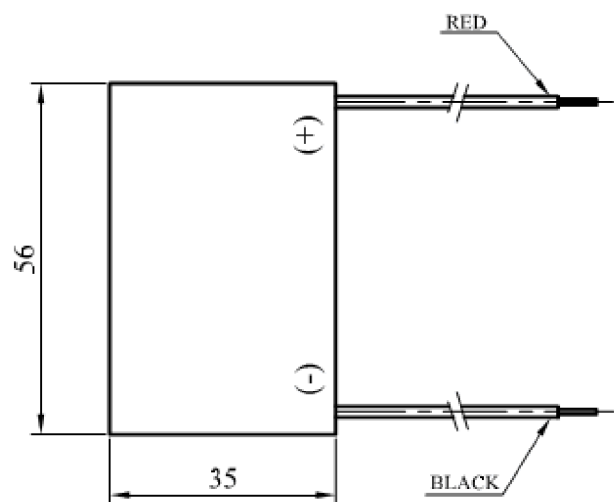
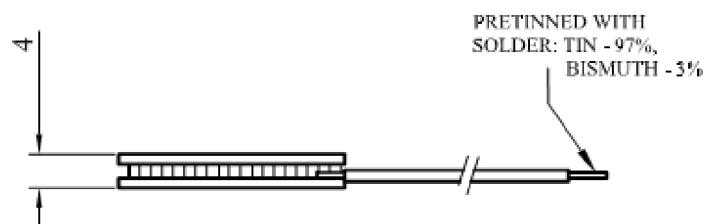


MT0.81-2.0-127

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	2.0	2.0
V max, Volts	14.7	16.4
Q max, Watts	18	20
ΔT max (min), K	71	80
R, Ohm	6.7	7.5

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

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

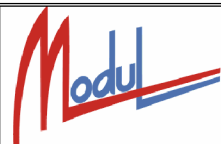
V_{max} – DC input voltage at $Q_c=0$, $I=I_{\text{max}}$;

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

T_h – Temperature at hot side.

Maximum operating temperature 90°C

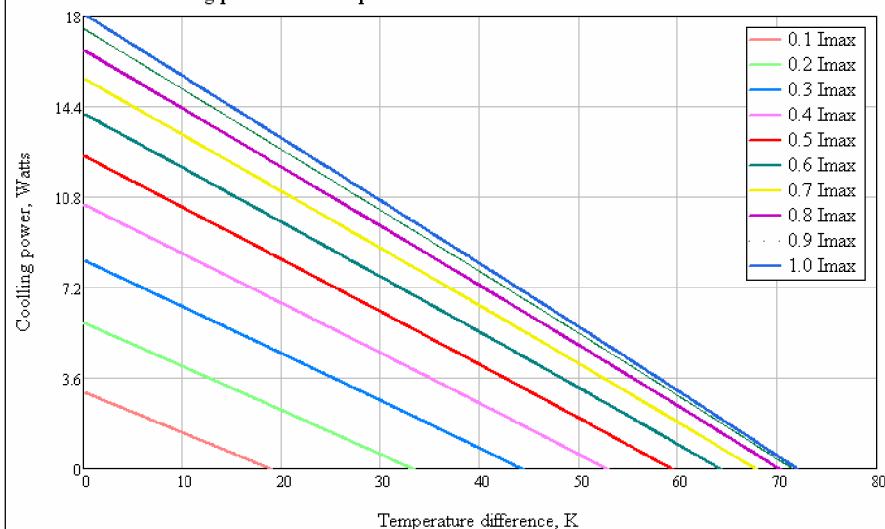
Custom designed modules are available.



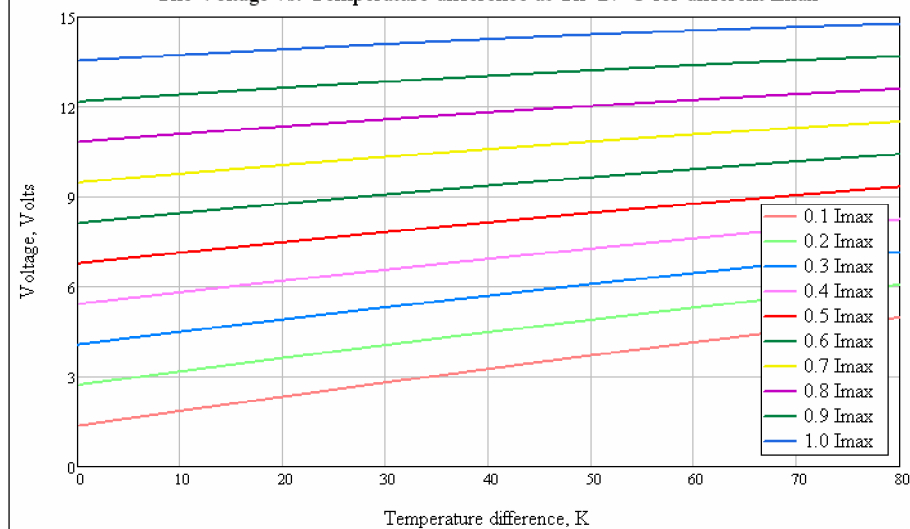
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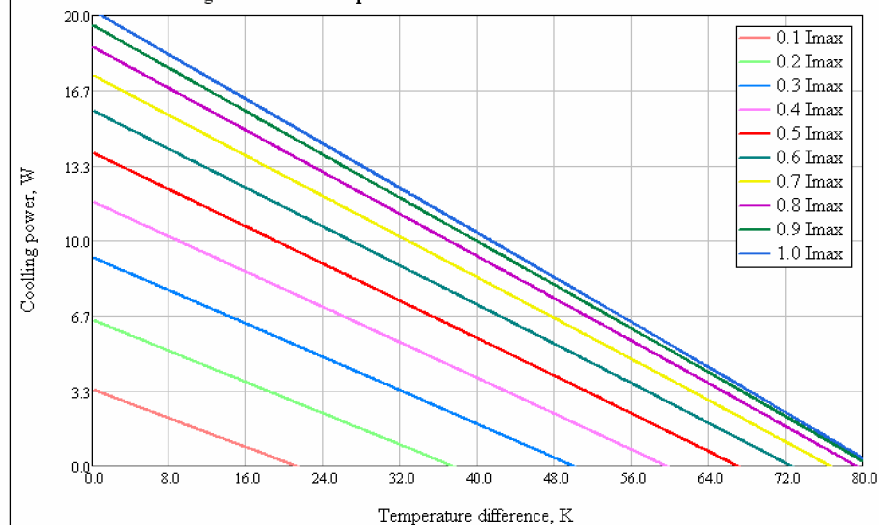
Cooling power vs. Temperature difference at $T_h=27^\circ\text{C}$ for different I_{max}



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}

