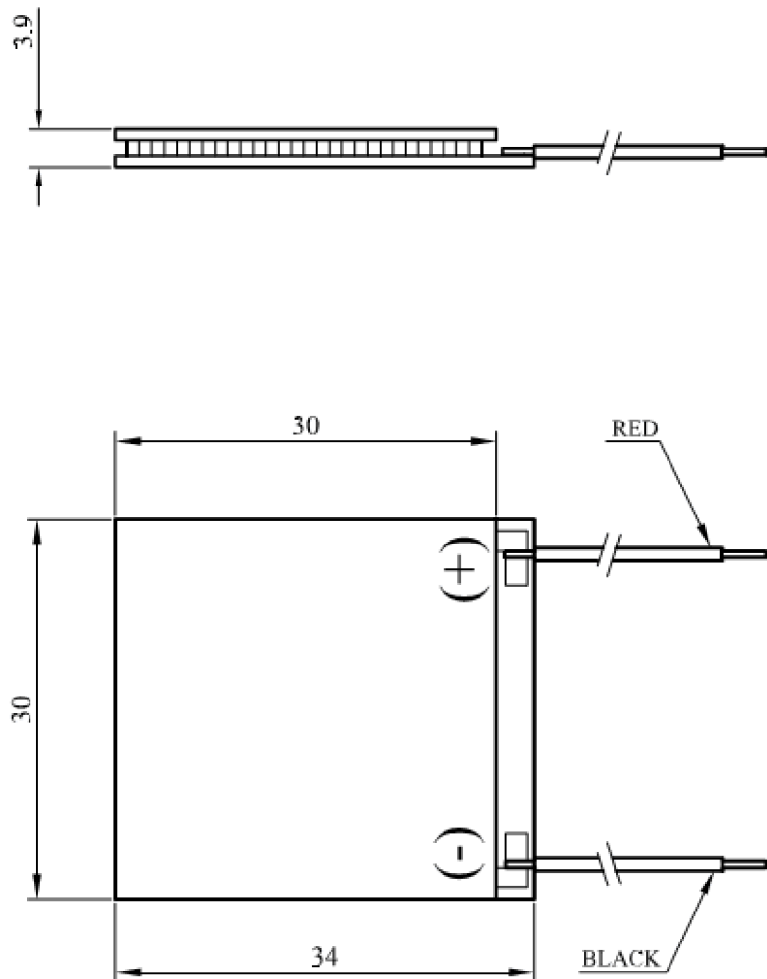




MT1-1.5-143D

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



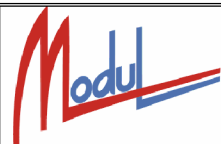
Performance Specification

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	16.5	18.5
Q_{max} , Watts	33	36.7
ΔT_{max} (min), K	70	79
R , Ohm	4.7	5.2

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

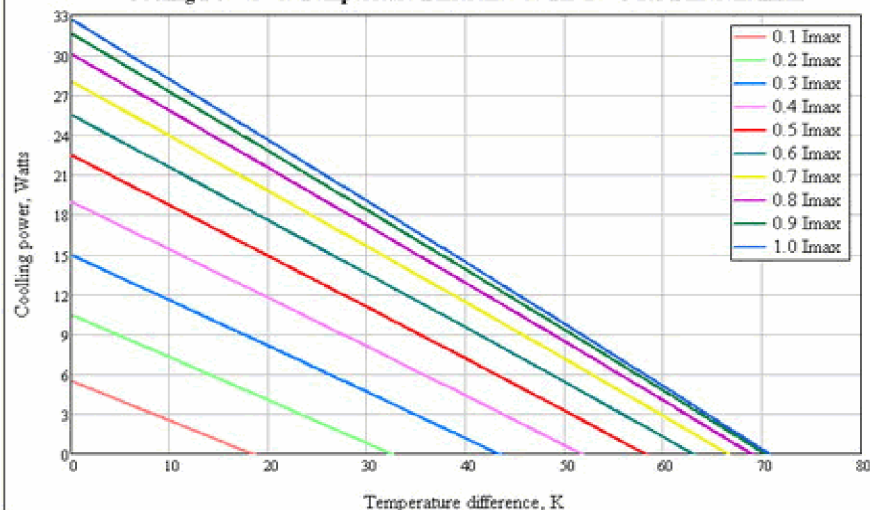
Custom designed modules are available.



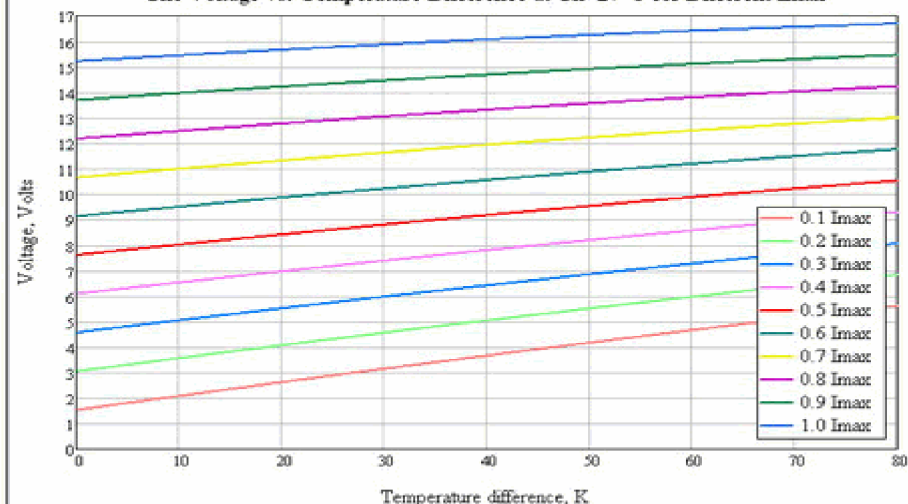
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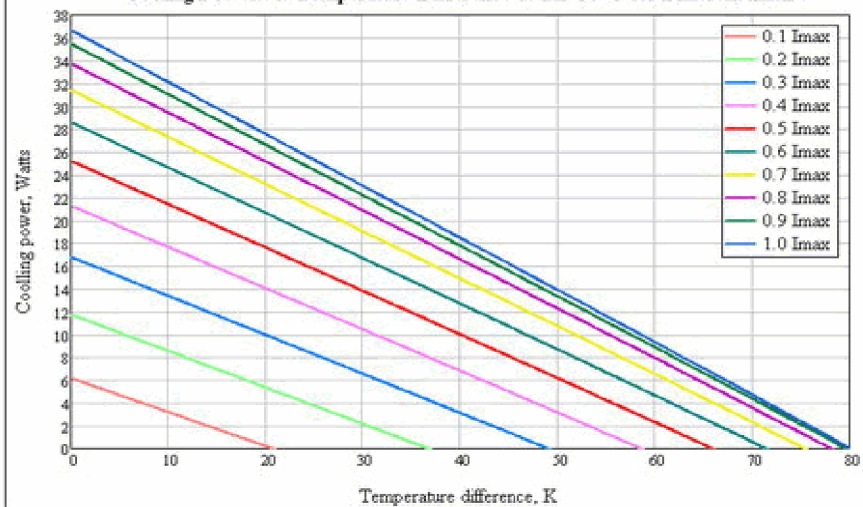
Cooling Power vs. Temperature Difference at $T_h=27^\circ\text{C}$ for Different I_{max}



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}

