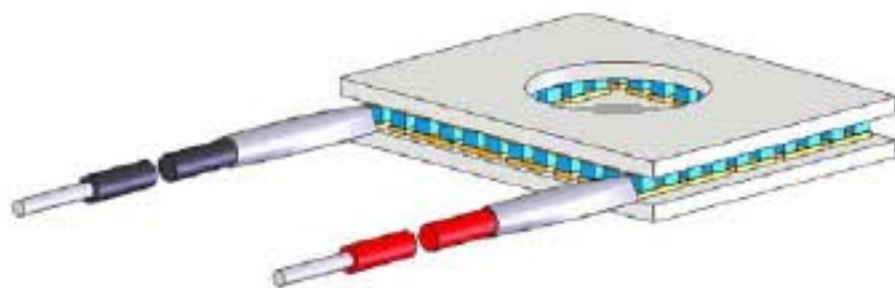
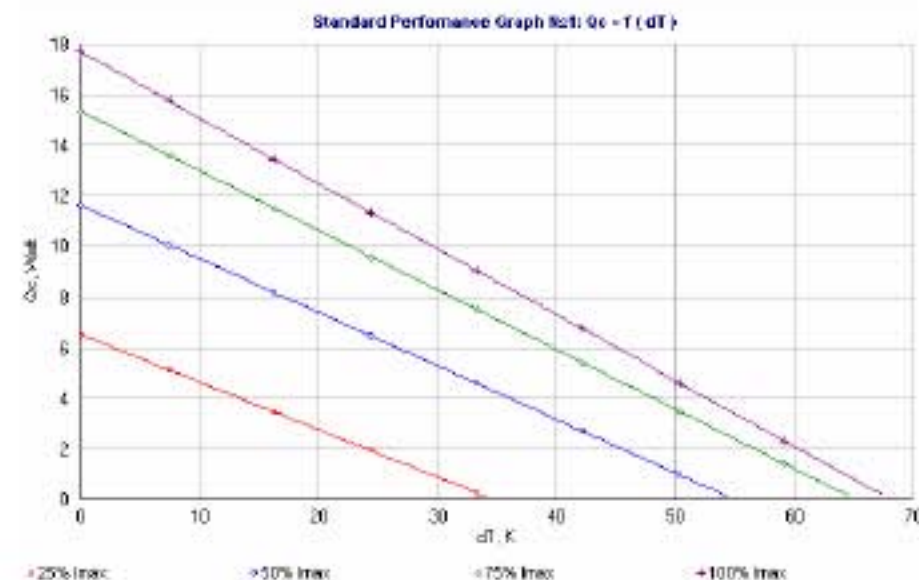


# SPECIFICATION OF THERMOELECTRIC MODULE TB-41-1.0-0.8CH

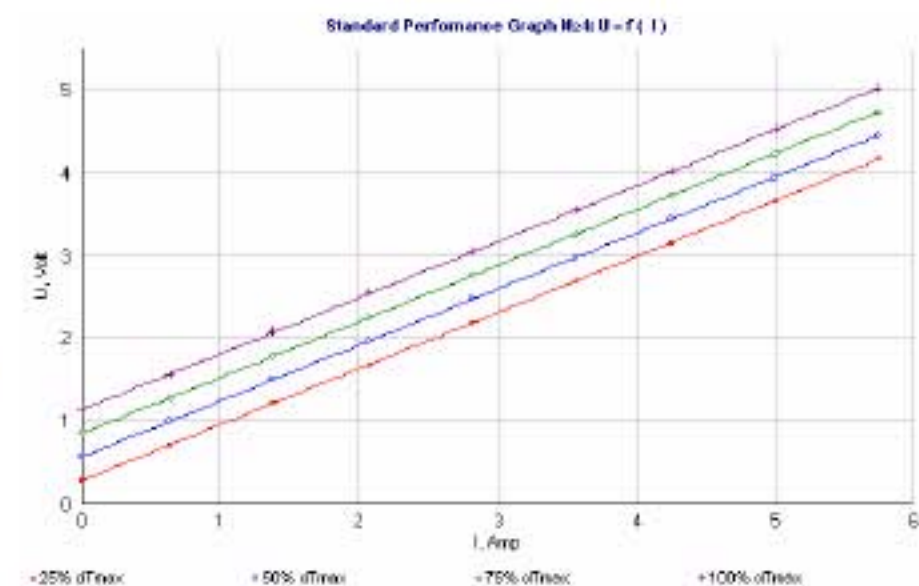


Thermoelectric parameters	Unit	Value
$I_{max}$	Amps	5.7
$U_{max}$	Volts	5.0
$\Delta T_{max}$	K	68
$Q_{max}$	Watts	17.7
$R_{ac}$ (at 295 K)	Ohm	0.67
Tolerance	%	$\pm 10$

*All parameters except  $R_{ac}$  are given at  $T_h=300\text{ K}$*



Assembly parameters	Unit	Value
Wires		HB-0.35 4 600
Cross section	$\text{mm}^2$	0.35
Metallization		Not
Sealing		Not
Internal solder	$^{\circ}\text{C}$	139
Brazing solder	$^{\circ}\text{C}$	Not



Operation parameters	Unit	Value
Working temperature range	$^{\circ}\text{C}$	$-50 \div +80$
Max. processing temperature	$^{\circ}\text{C}$	120
ROHS compliance		YES

