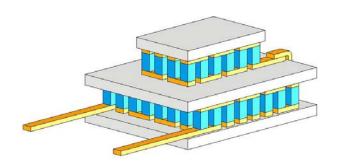
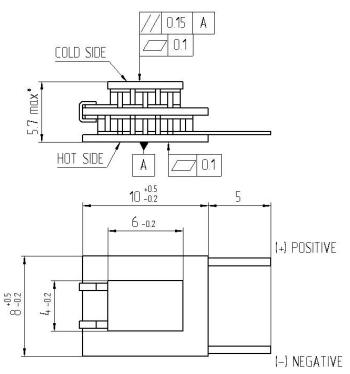
6 Aerodromnaya street, Saint-Petersburg, 197348 Russia

Tel: +7 812 394-13-10, fax: +7 812 394-12-67, E-mail: info@kryotherm.ru, http://www.kryotherm.ru

## SPECIFICATION OF THERMOELECTRIC MODULE TB-2-(31-12)-1.0

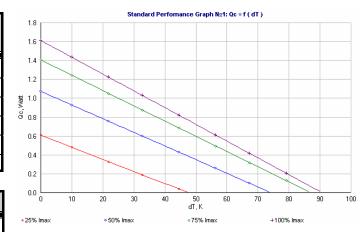


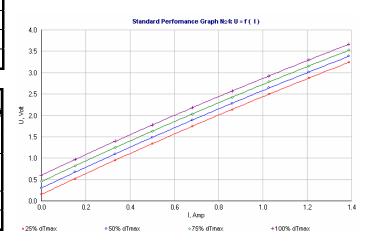


Thermoelectric parameters	Unit	Value
Imax	Amps	1.4
Umax	Volts	7.1
ΔTmax	K	91
Qmax	Watts	1.6
Tolerance	%	±10
All parameters except $R_{ac}$ are given at Th=300 K		

Assembly parameters	Unit	Value
Wires	-	
Cross section	mm <sup>2</sup>	-
Metallization	Not	
Sealing	Not	
Internal solder	°C	139
Brazing solder	°C	not

Operation parameters	Unit	Value
Working temperature range	°C	-50 ÷ +80
Max. processing temperature	°C	120
ROHS compliance		YES





<sup>\*</sup>Tolerance of the TEC's height for a lot is ±0.35 mm