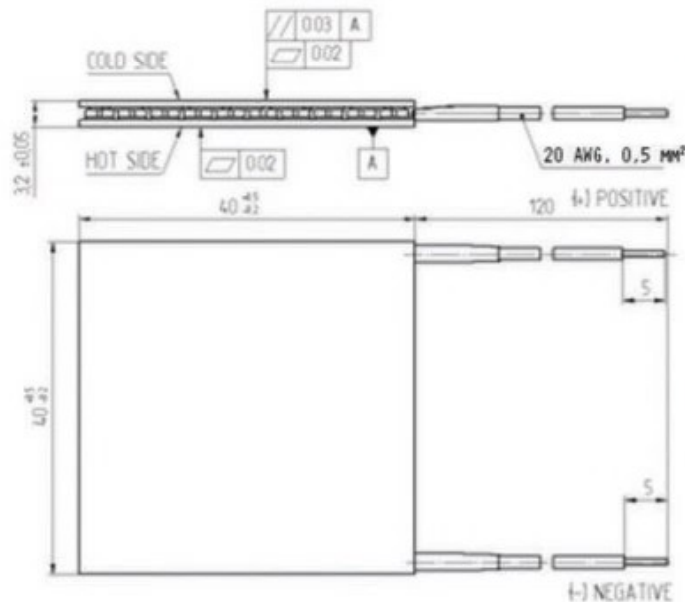
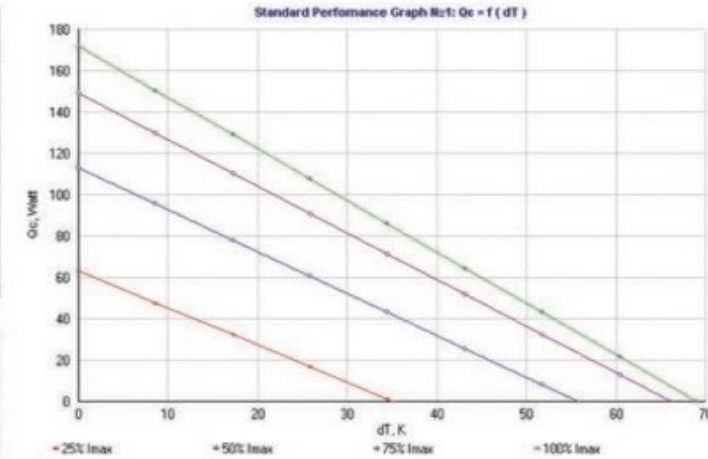


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SPECIFICATION OF THERMOELECTRIC MODULE Drift-0.8



Thermoelectric parameters	Unit	Value
I_{max}	Amps	11,3
U_{max}	Volts	24,6
ΔT_{max}	K	69
Q_{max}	Watts	172,0
R_{ac} (at 295 K), ±15%	Ohm	1,65
<i>All parameters except R_{ac} are given at Th=300 K</i>		



Option	Standard	Modification
Ceramic material	Al₂O₃	AlN
Height tolerance, mm	± 0,05	up to ± 0,015
Flatness, mm	0,02	up to 0,01
Parallelism, mm	0,03	up to 0,01
Sealants	epoxy	E
	silicon	S
	urethane	U
	conformal coating	Cc
Max. operating temperature, °C	120	150, 200
Mounting temperature, °C	130	170, 220
Type of lead wires	20 AWG	PTFE
Temperature cycling	Upon request	
Metallization		
Assembling into arrays		

