

Crystal LTD TM SPEC Form

Customer

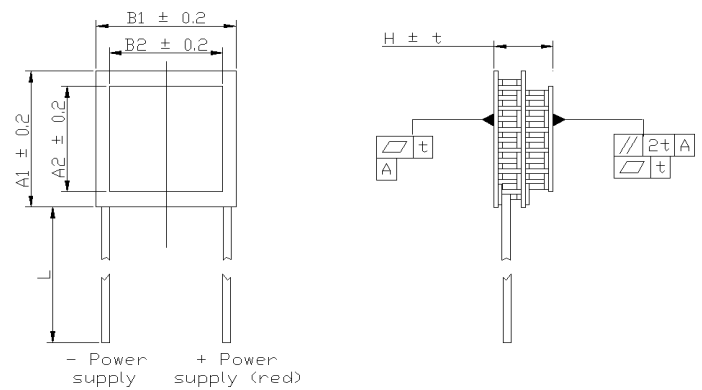
PO#

PO date

Thermoelectric module (TM) specification

PO position #	TM	Internal Solder Melting Temp, C	Max operating temperature, °C		Parameters in vacuum at hot side temperature 25 °C				Rac at 25 °C		Ceramic size, mm		TM Height		Wire			Sealing
			short time	long time	I _{max} , A	U _{max} , V	Q _{max} , W	dT _{max} , K	Rac, Ohm	Tolerance ±, %	A1/A2	B1/B2	Height, mm	Tolerance t, ± mm	S, AWG #	Length, mm	Tolerance ±, mm	
1	2-190-10-12-L2	138	130	115	3.4	16.2	17.9	95	4.90	10	30/30	30/30	6.50	0.02	24	100	5	
															PVC			

Clamping force: 7.6 - 15.2 kg



Max dT is reduced by 3-4K for silicon sealed and 2-3K for epoxy sealed versions.

Q(dT) at $T_{hot}=298K$

