

Crystal LTD TM SPEC Form

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Customer

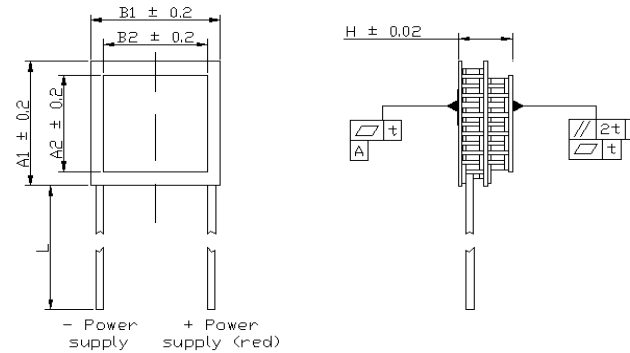
PO#

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	continuous operation	Imax, A	Umax, V	Qmax, W	dTmax, K	Rac, Ohm	Tolerance ±, %	A1/A2	B1/B2	Height, mm	Tolerance t, ± mm	S, AWG #	Length, mm	Tolerance ±, mm		
1	2-049-14-15-L2	138	130	115	4.8	4.0	7.3	91	0.86	10	20/15	20/15	7.20	0.02	22	100	5		
															PVC				

Clamping force: 4.3 - 8.5 kg



Max dT is reduced by 2-3K for silicon sealed and 1-2K for epoxy sealed versions.

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

