

Crystal LTD TM SPEC Form

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Customer

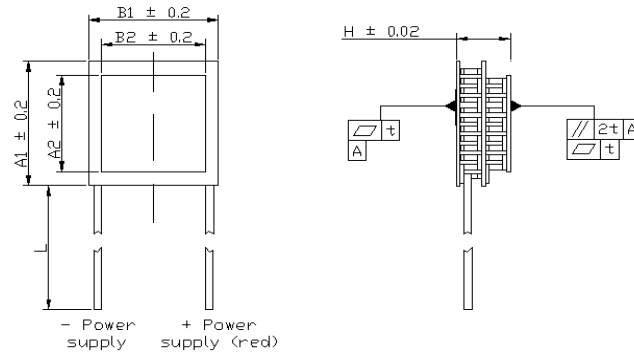
PO#

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	I <sub>max</sub> , A	U <sub>max</sub> , V	Q <sub>max</sub> , W	dT <sub>max</sub> , K	Rac, Ohm	Tolerance ±, %	A1/A2	B1/B2	Height, mm	Tolerance t, ± mm	S, AWG #	Length, mm	Tolerance ±, mm	
1	2-198-14-11-L2	138	130	115	7.0	16.2	41.7	94	2.42	10	40/30	40/30	6.20	0.02	22	100	5	
															PVC			

Clamping force: 16.8 - 33.6 kg



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

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

