

Crystal LTD TM SPEC Form www.crystalltherm.com

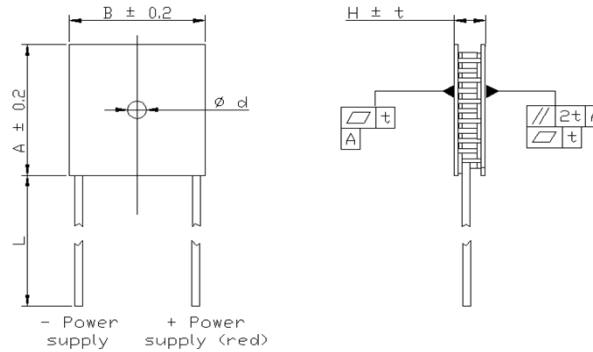
Customer

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 _{max} , A	U _{max} , V	Q _{max} , W	dT _{max} , K	Rac, Ohm	Tolerance ±, %	A/A1	B	d	Height, mm	Tolerance t, ± mm	S, AWG #	Length, mm	Tolerance ±, mm		
1	S-119-10-13-H-L2	138	130	115	3.4	15.2	32.4	74.5	3.32	10	30/30	30	4.7	3.60	0.02	24	100	5		
																PVC				

Clamping force: 14.4 - 28.7 kg



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



U(dT) at Thot=298K

