

Crystal LTD TM SPEC Form www.crystaltherm.com

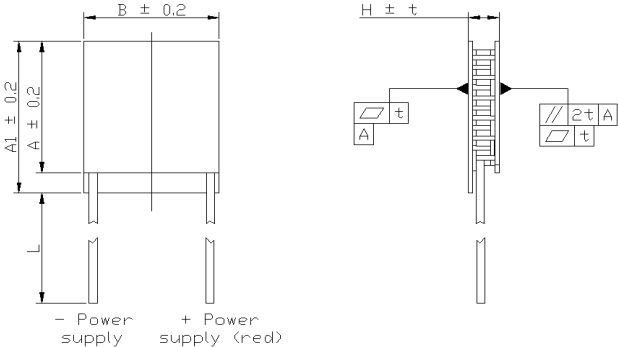
Customer

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	Height, mm	Tolerance t, ± mm	S, AWG #	Length, mm	Tolerance ±, mm	
1	S(C)-127-14-13-L2	138	130	115	6.9	16.2	69.2	72.5	1.78	10	40/40	40	3.80	0.02	22, PVC	100	5	
2	R-127-14-13-L2			90														
3	H-127-14-13-L2	232	200	150											22, PTFE			
4	SN-127-14-13-L2			120														

Clamping force: 30.0 - 60.1 kg



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



U(dT) at Thot=298K

