

Crystal LTD TM SPEC Form www.crystaltherm.com

Customer

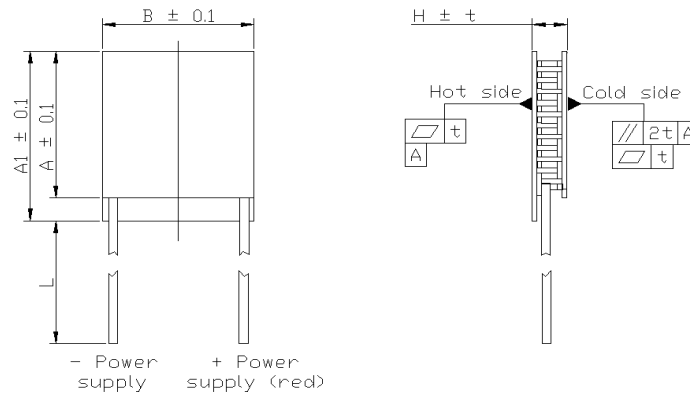
PO#

PO date

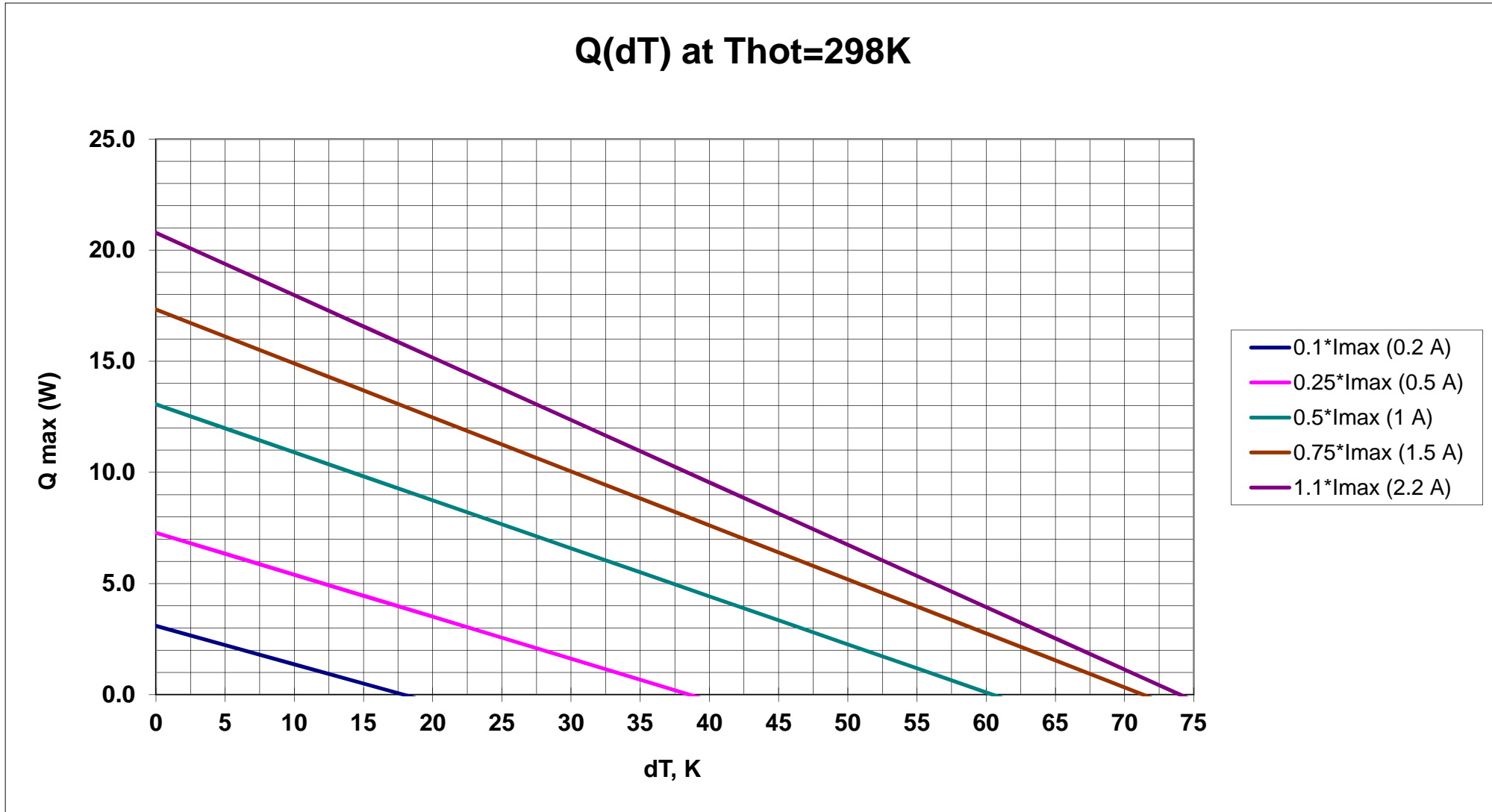
Thermoelectric module (TM) specification

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 peak	continuous operation	I _{max} , A	U _{max} , V	Q _{max} , W	dT _{max} , K	R _{ac} , Ohm	Tolerance ±, %	A/A1	B	Height, mm	Tolerance t, ± mm	S, AWG #	Length, mm	Tolerance ±, mm		
1	S-127-08-15-L2	138	130	115	2.0	16.2	20.8	74.5	6.10	10	25/25	25	3.80	0.02	24	100	5		

Clamping force: 10.1 - 20.1 kg



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



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

