

Crystal LTD TM SPEC Form

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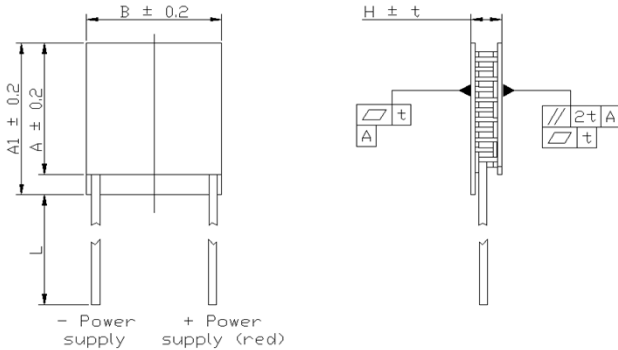
Customer

PO#
PO date

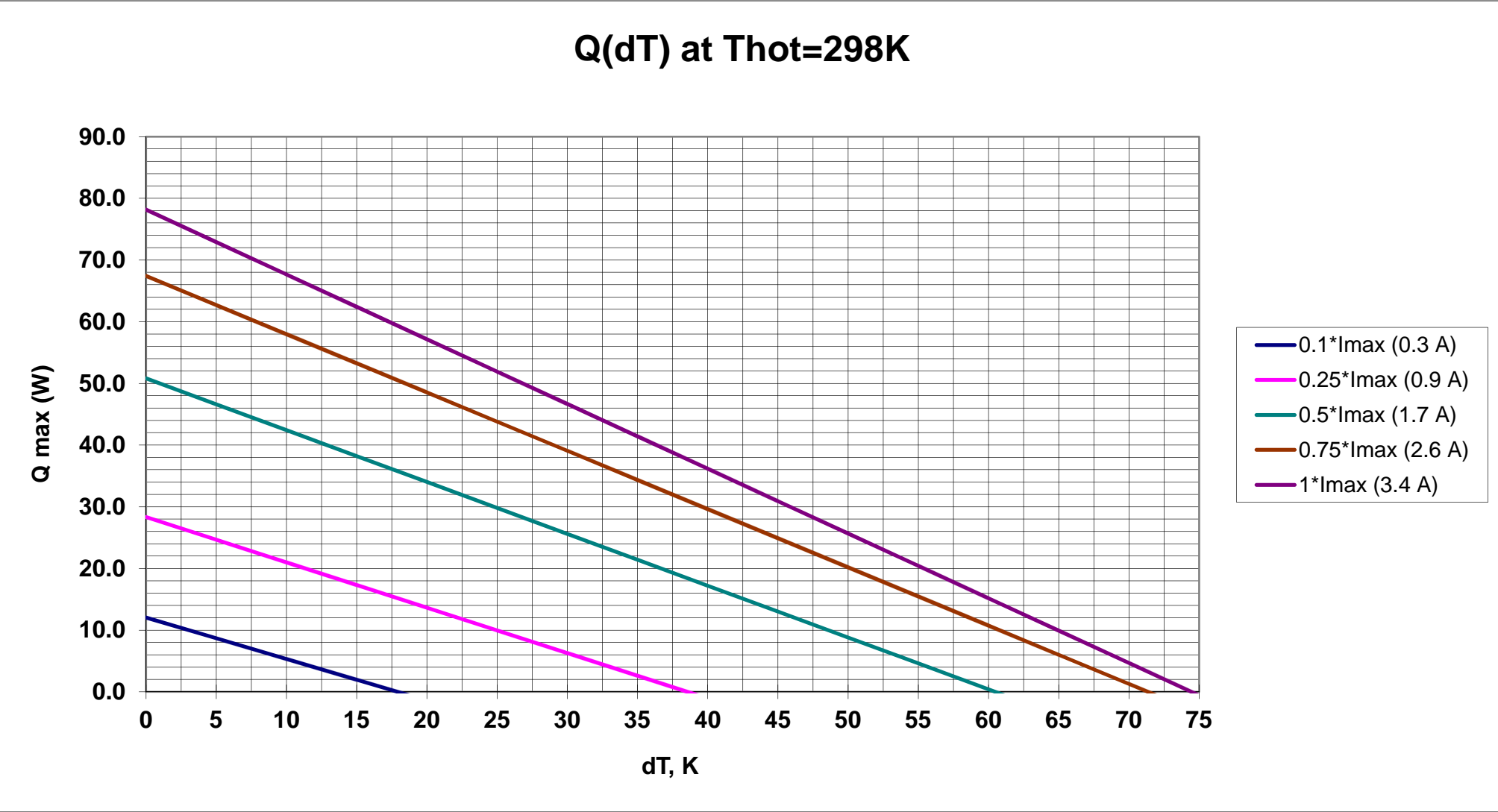
Thermoelectric module (TM) specification

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 _{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-287-10-13-L2	138	130	115	3.4	36.6	78.2	74.5	8.01	10	40/40	40	3.60	0.02	24	100	5	
2	C-287-10-13-L2														PVC			
3	H-287-10-13-L2	232	200	150											24			

Clamping force: 34.6 - 69.3 kg



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



U(dT) at Thot=298K

