

Crystal LTD TM SPEC Form

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Customer

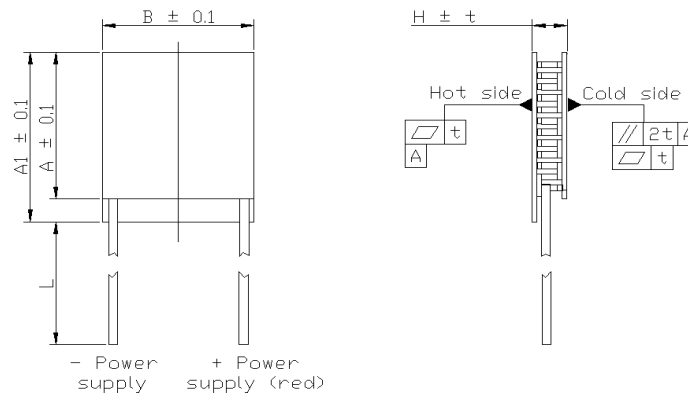
PO#

PO date

Thermoelectric module (TM) specification

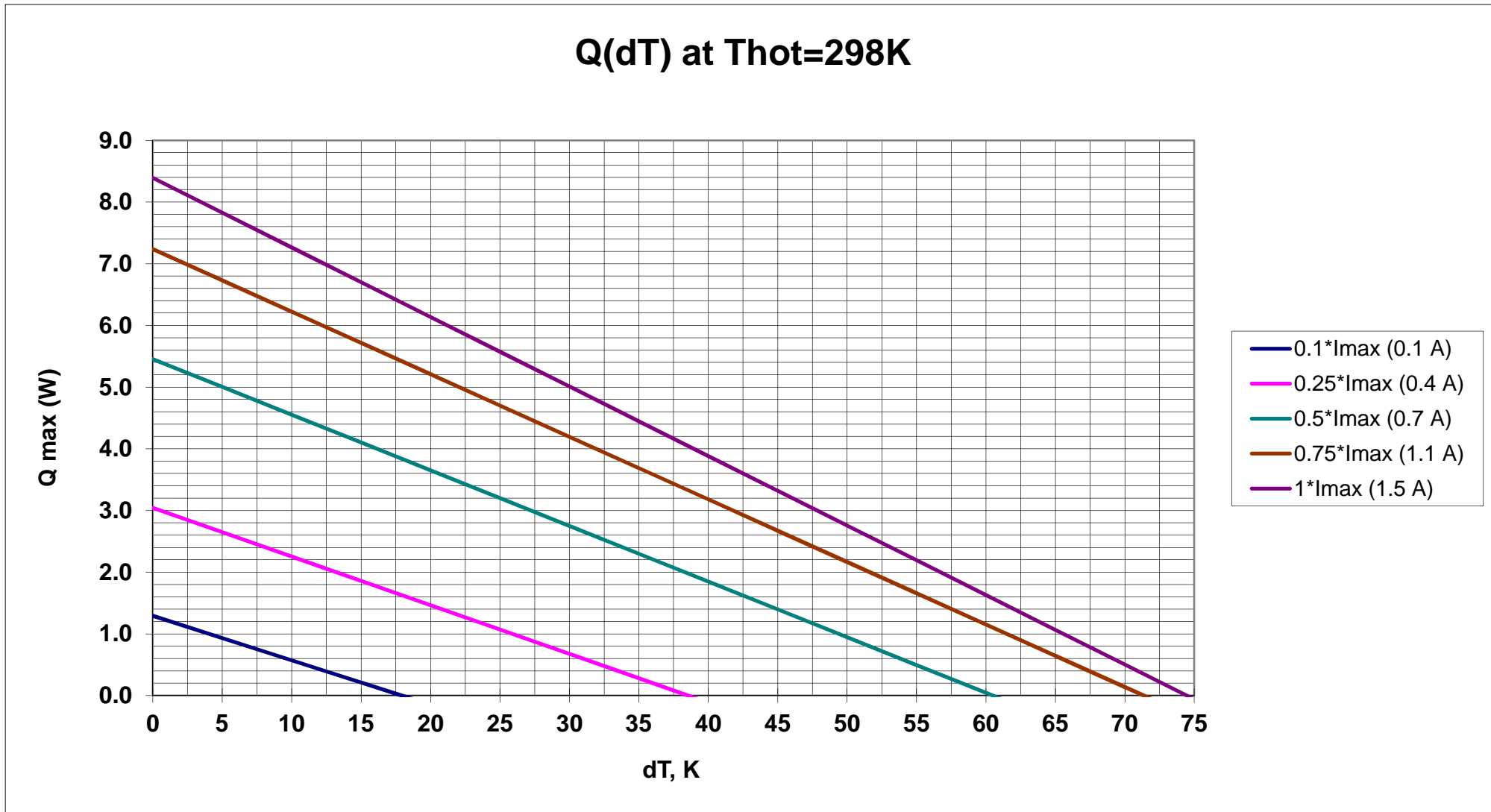
PO position #	TM	Internal Solder Melting Temp, C	Max operating temperature, °C		Parameters in vacuum at hot side temperature 25 °C				Rac at 25 °C		Ceramic size, mm		TM Height		Wire			Sealing
			short peak	continuous operation	I <sub>max</sub> , A	U <sub>max</sub> , V	Q <sub>max</sub> , W	dT <sub>max</sub> , K	R <sub>ac</sub> , Ohm	Tolerance ±, %	A/A1	B	Height, mm	Tolerance t, ± mm	S, mm <sup>2</sup>	Length, mm	Tolerance ±, mm	
1	S-071-07-15	138	130	115	1.5	9.0	8.4	74.5	4.57	10	15/15	15	2.90	0.2	0.12	100	1	
															MGTF (teflon)			
															or			
															30AWG solid tinned uninsulated			

Clamping force: 4.2 - 8.4 kg



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



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

