

Crystal LTD TM SPEC Form

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Customer

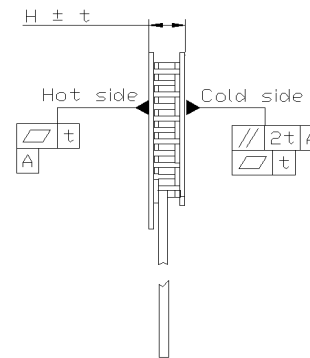
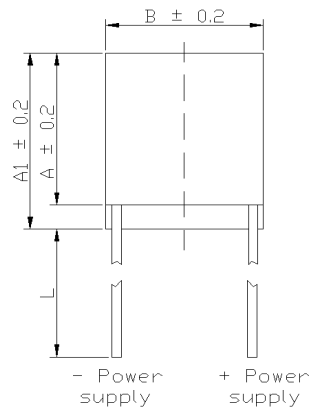
PO#

PO date

Thermoelectric module (TM) specification

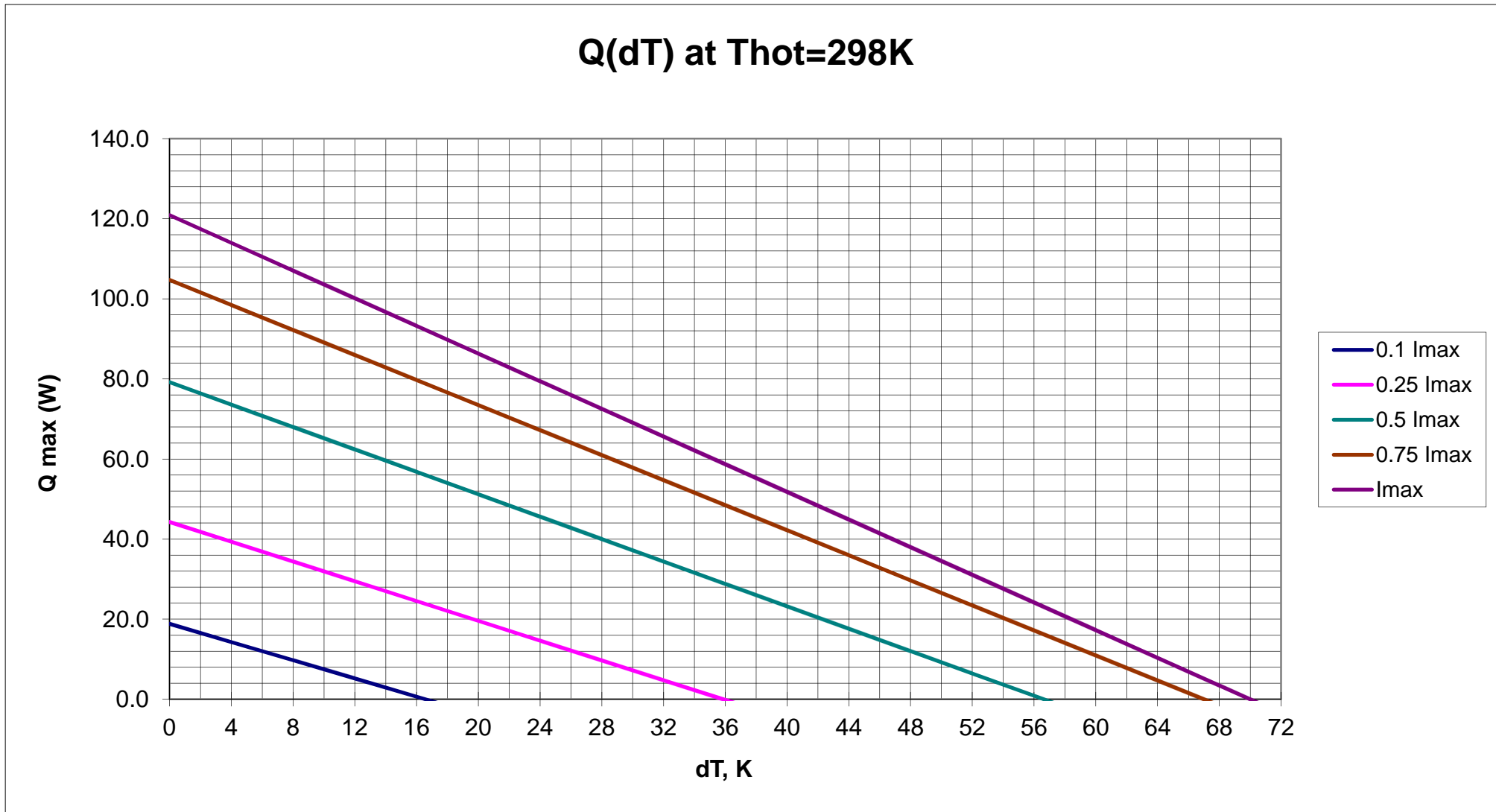
PO position #	TM	Internal Solder Melting Temp, C	Max operating temperature, °C		Parameters in vacuum at hot side temperature 25 °C				Rac at 25 °C		Ceramic size, mm		TM Height		Wire			Sealing
			short peak	continuous operation	I <sub>max</sub> , A	U <sub>max</sub> , V	Q <sub>max</sub> , W	dT <sub>max</sub> , K	Rac, Ohm	Tolerance ±, %	A/A1	B	Height, mm	Tolerance ±, mm	S, AWG #	Length, mm	Tolerance ±, mm	
1	D-199-10-06-L2	138	130	115	7.7	25.3	120.9	70.0	2.51	10	30/30	30	3.10	0.02	20	100	5	
															PVC			
															soldered on external labels (tabs)			

Clamping force: 24.0 - 48.0 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 Thot=298K

