

Crystal LTD TM SPEC Form www.crystaltherm.com

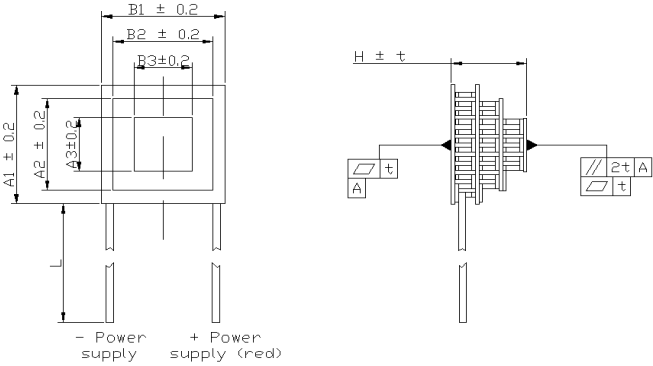
Customer

PO#
PO date

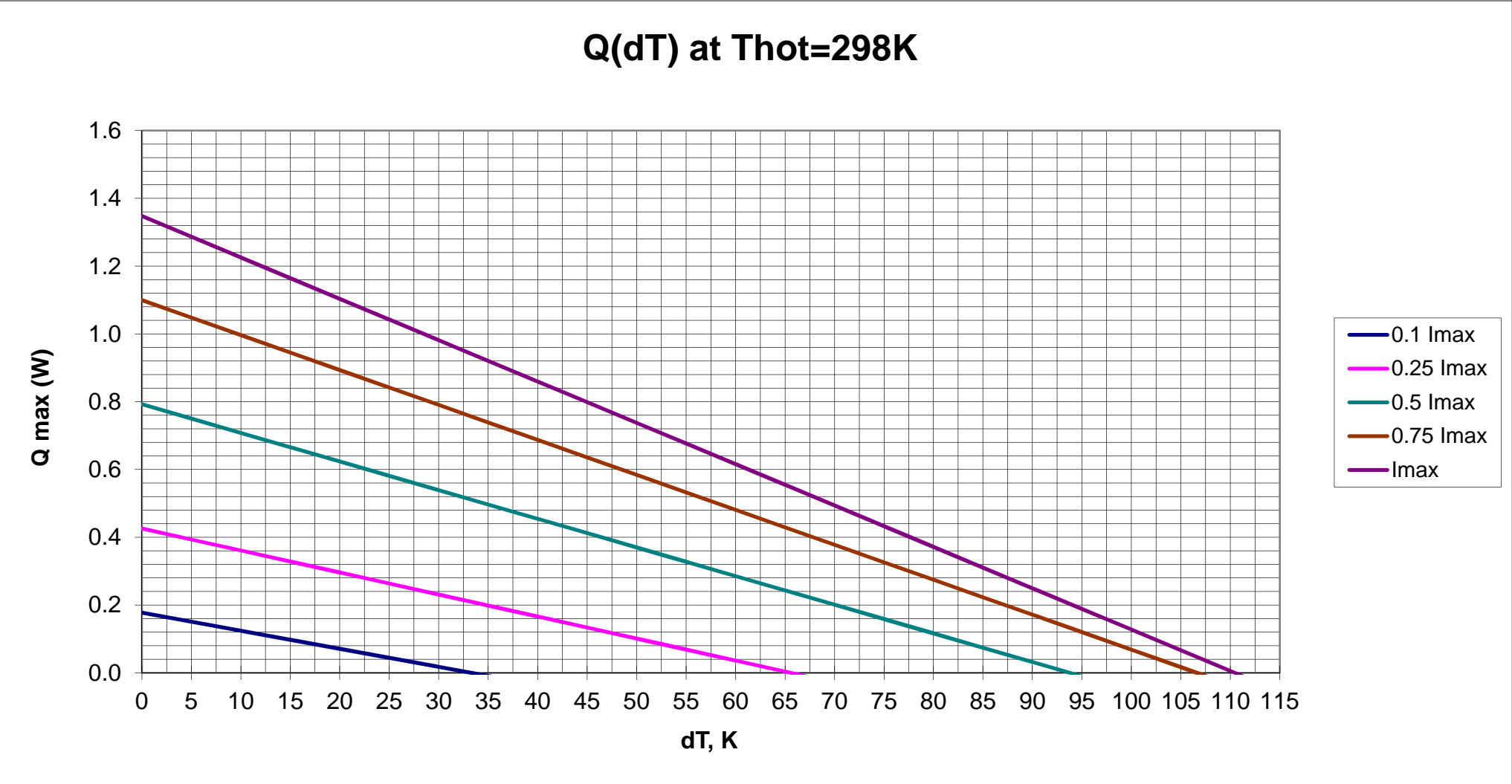
Thermoelectric module (TM) specification

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	Rac, Ohm	Tolerance ±, %	A1/A2/A3	B1/B2/B3	Height, mm	Tolerance t, ± mm	S, AWG #	Length, mm	Tolerance ±, mm	
1	3-055-10-15	138	130	115	2.1	3.8	1.3	110.5	1.77	10	15/10/8	15/10/8	9.80	0.2	24	100	5	
																		PVC

Clamping force: 1.3 - 2.5 kg



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



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

