

Crystal LTD TM SPEC Form

Customer

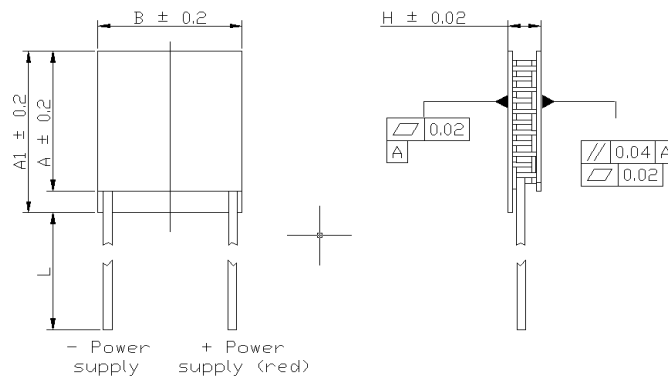
PO#

PO date

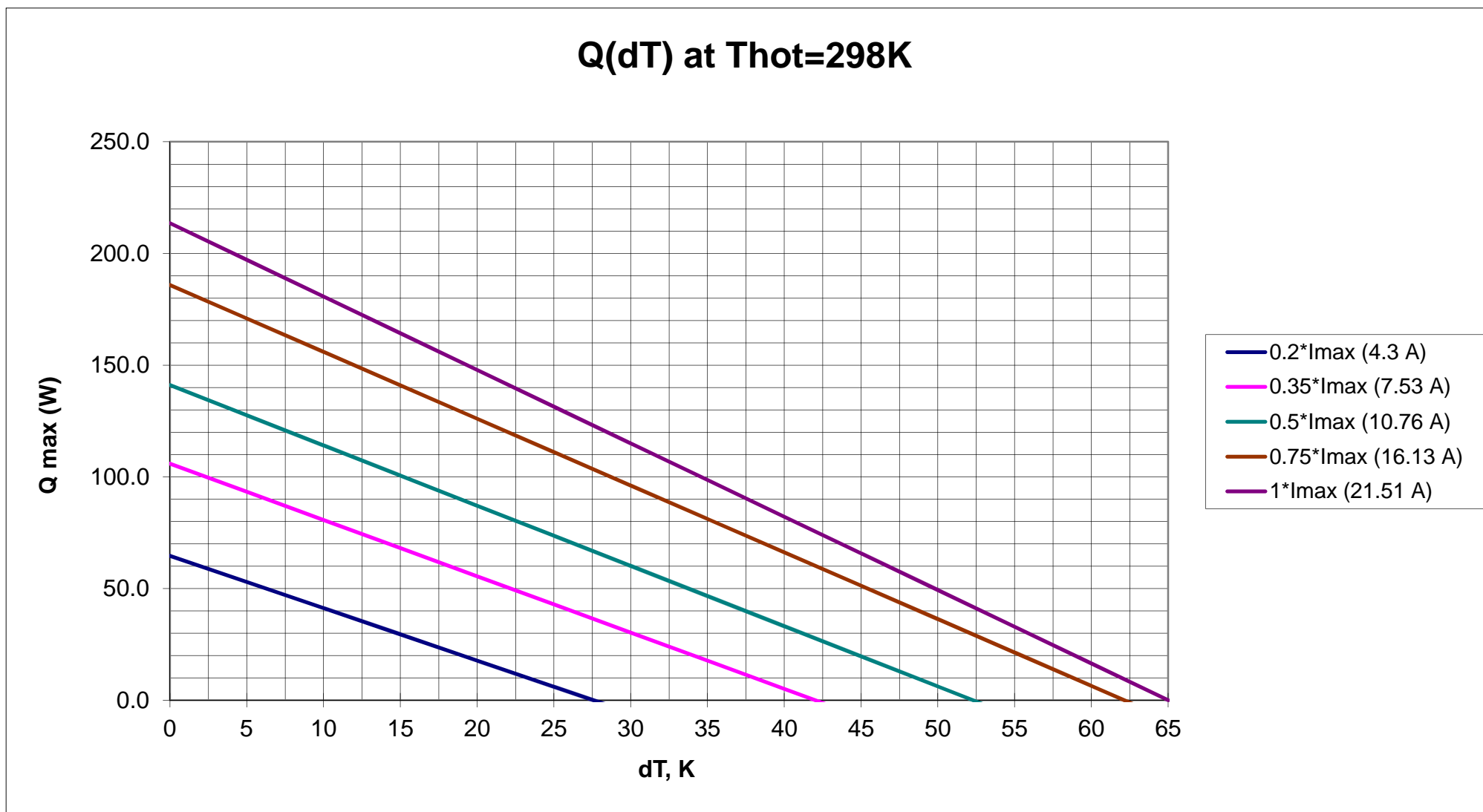
Thermoelectric module (TM) specification

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	long time	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-128-14-045-L2	180	150	115	21.5	16.3	213.6	65.0	0.59	10	40/44	40	3.10	0.02	18	100	5	
	Not RoHS compliant																	

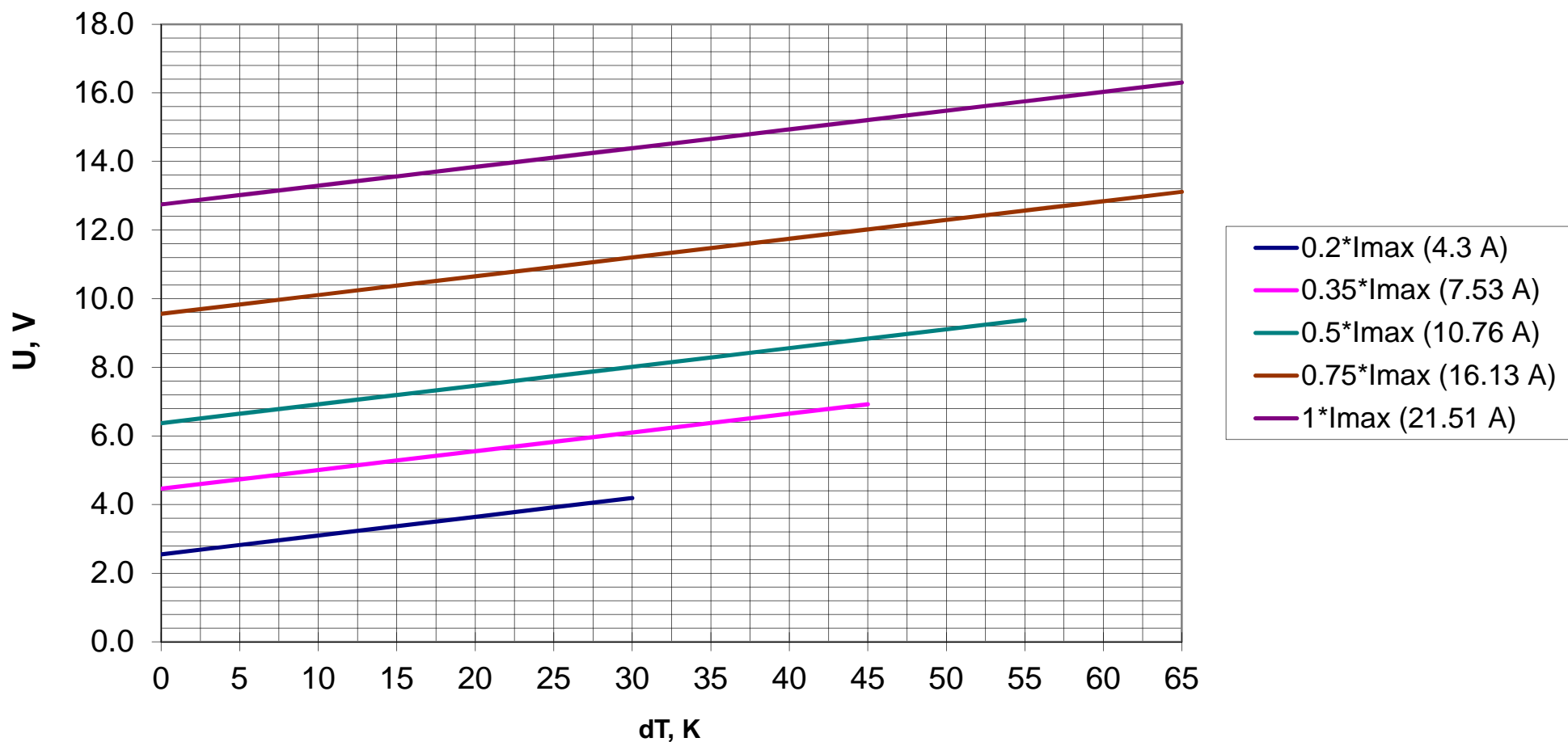
Clamping force: 30.3 - 60.6 kg



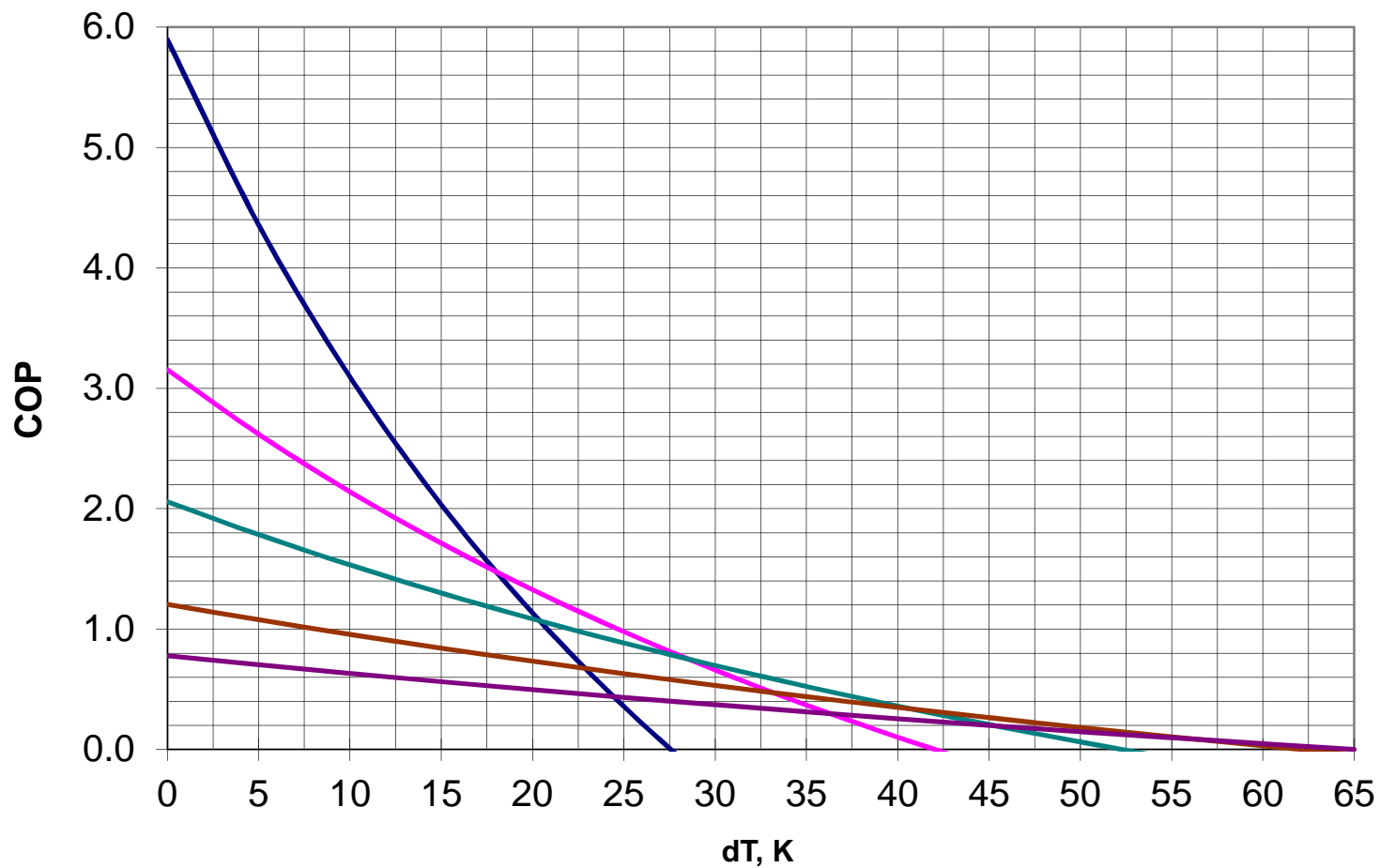
Max dT is reduced by 2-3K for silicon sealed and 1-2K for epoxy sealed versions.



### U(dT) at Thot=298K



### COP(dT)



### COP(I)

