

Crystal LTD TM SPEC Form

[www.crystaltherm.com](http://www.crystaltherm.com)

Customer

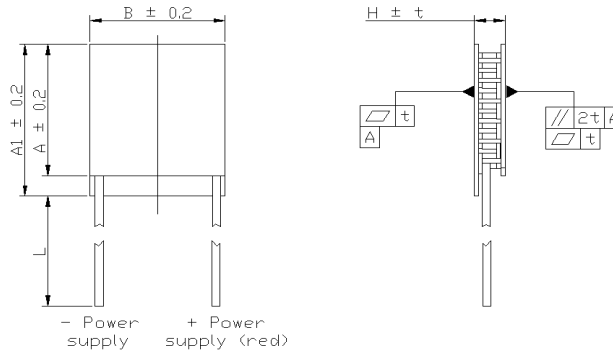
PO#

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 time	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 t, ± mm	S, AWG #	Length, mm	Tolerance ±, mm		
1	D-128-14-06-L2	138	130	115	15.1	16.2	151.2	70	0.82	10	40/44	40	3.30	0.02	18	100	5		
	porch style																	PVC insulated	
2	D-128-14-06-L2	138	130	115	15.1	16.2	151.2	70	0.82	10	40/40	40	3.30	0.02	18	100	5		
	lamel version																	PVC insulated	
																		soldered on external lamels (tabs)	

Clamping force: 30.0 - 60.1 kg

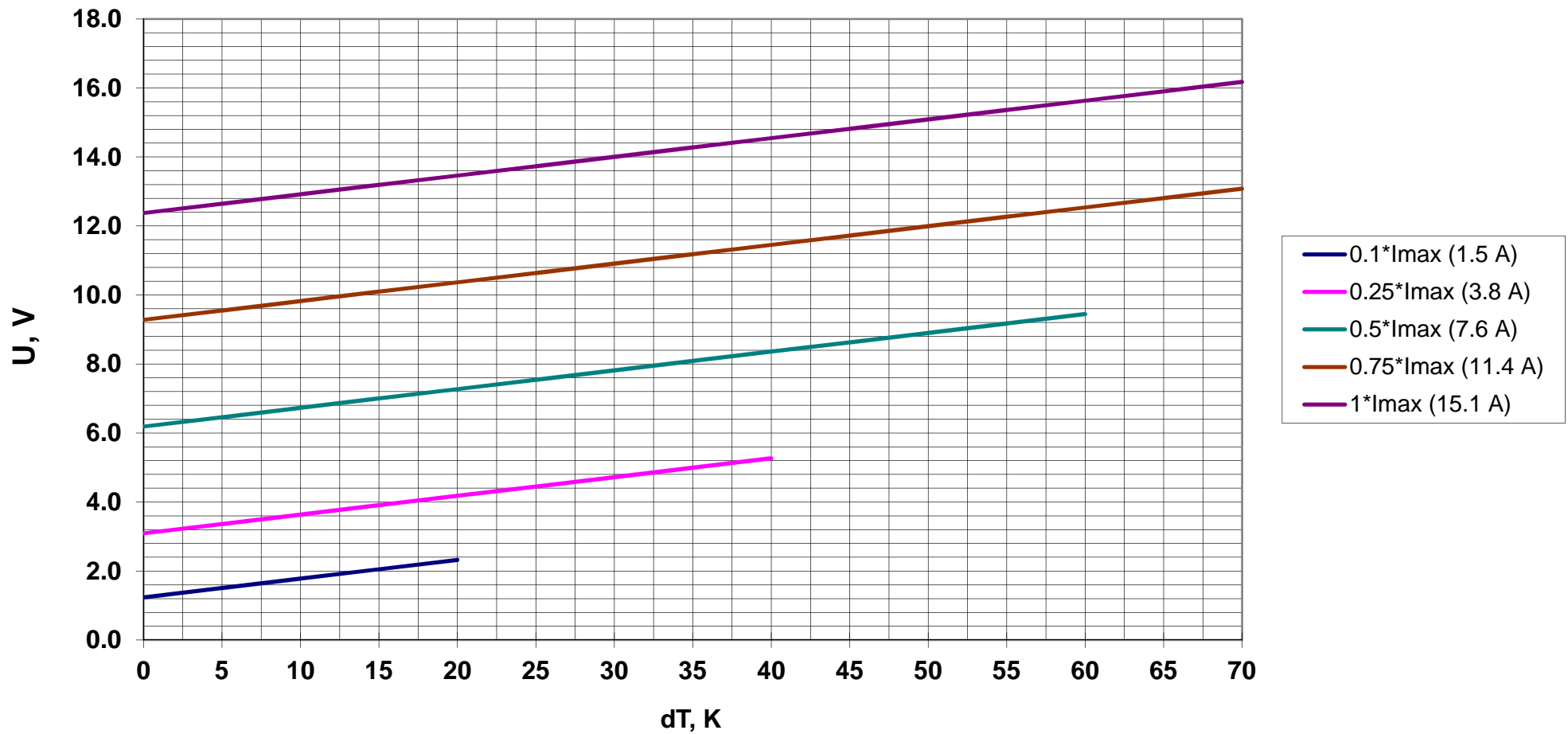


[www.crystaltherm.com](http://www.crystaltherm.com)

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



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



### COP(dT)

