

Crystal LTD TM SPEC Form

Customer

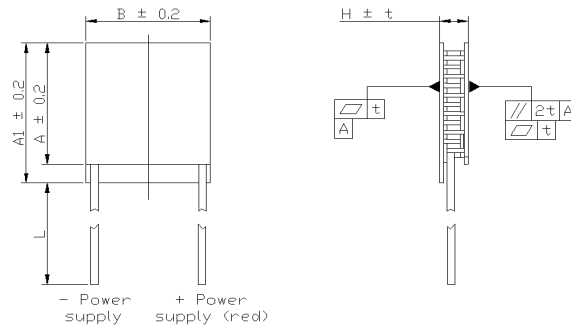
PO#

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	continuous operation	I _{max} , A	U _{max} , V	Q _{max} , W	dT _{max} , K	Rac, Ohm	Tolerance ±, %	A/A1	B	Height, mm	Tolerance t, ± mm	S, AWG #	Length, mm	Tolerance ±, mm	
1	D-242-14-06-L2 porch style	138	130	115	15.1	30.7	287.0	70.0	1.55	10	52/56	52	3.30	0.02	18	100	5	
2	D-242-14-06-L2 lamel version	138	130	115	15.1	30.7	287.0	70.0	1.55	10	52/52	52	3.30	0.02	18	100	5	
3	D-242-14-06-L2-AIN AIN version porch style	138	130	115	15.1	30.7	287.0	70.0	1.55	10	52/56	52	3.80	0.02	18	100	5	
4	D-242-14-06-L2-AIN AIN version lamel version	138	130	115	15.1	30.7	287.0	70.0	1.55	10	52/52	52	3.80	0.02	18	100	5	

Clamping force: 57.0 - 114.0 kg



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



U(dT) at Thot=298K

