

Crystal LTD TM

Thermoelectric module (TM) specification

TM	Internal Solder Melting Temp, C	Max operating temperature on hot side, °C		Calculated output parameters at hot side temperature 150 °C, dT=100K and matched load (max power mode)				Matched load at hot side 150 °C and dT=100K, Ohm	Thermal power to be applied on the hot side at max. power mode to get dT=100K, W	Thermal resistance, K/W	Rac at 25 °C		Ceramic size, mm		TM Height	
		short peak	continuous operation	I, A	U, V	P, W	Efficiency				Rac, Ohm	Tolerance ±, %	A/A1	B	Height, mm	Tolerance ±, mm
H-128-10-05-L2	232	200	150	1.30	2.71	3.53	3.78%	2.08	93.5	1.07	1.37	10	30/34	30	2.80	0.02
H-031-10-08-L2	232	200	150	0.85	0.67	0.57	3.86%	0.78	14.7	6.80	0.52	10	15/15	15	3.10	0.02
H-071-10-08-L2	232	200	150	0.83	1.50	1.25	3.78%	1.81	33.1	3.02	1.19	10	20/20	20	3.10	0.02
H-127-10-08-L2	232	200	150	0.85	2.73	2.31	3.86%	3.21	60.0	1.67	2.14	10	30/30	30	3.10	0.02
H-071-10-13-L2	232	200	150	0.52	1.54	0.80	3.93%	2.96	20.4	4.90	1.98	10	20/20	20	3.60	0.02
H-127-10-13-L2	232	200	150	0.53	2.78	1.47	3.98%	5.27	36.9	2.71	3.55	10	30/30	30	3.60	0.02
H-031-14-11-L2	232	200	150	1.19	0.67	0.80	3.94%	0.57	20.4	4.90	0.38	10	20/20	20	3.80	0.02
H-071-14-11-L2	232	200	150	1.19	1.54	1.84	3.94%	1.30	46.7	2.14	0.87	10	30/30	30	3.80	0.02
H-127-14-11-L2	232	200	150	1.19	2.76	3.29	3.93%	2.32	83.5	1.20	1.55	10	40/40	40	3.80	0.02
H-199-14-11-L2	232	200	150	1.15	4.24	4.88	3.81%	3.68	128.2	0.78	2.43	10	40/40	40	3.80	0.02
H-199-14-32-L2	232	200	150	0.44	4.40	1.95	4.05%	9.97	48.0	2.08	6.76	10	40/40	40	5.40	0.02
H-127-14-06-L2	232	200	150	2.18	2.70	5.90	3.80%	1.24	155.2	0.64	0.82	10	40/44	40	3.30	0.02
H-199-14-06-L2	232	200	150	2.08	4.11	8.55	3.62%	1.97	236.0	0.42	1.28	10	40/44	40	3.30	0.02
H-241-14-06-L2	232	200	150	2.16	5.09	10.98	3.76%	2.36	292.5	0.34	1.55	10	52/56	52	3.30	0.02
H-288-14-06-L2	232	200	150	2.12	6.01	12.75	3.69%	2.83	345.6	0.29	1.85	10	52/56	52	3.30	0.02
H-161-15-32-L2	232	200	150	0.51	3.57	1.81	4.06%	7.02	44.6	2.24	4.76	10	40/40	40	5.40	0.02

