

熱電半導體(致冷器)

THERMOELECTRIC MODULE SPECIFICATIONS

Item	Part No.	Dimension L × W × H (mm)	Couples	I _{max} . (A)	V _{max} . (V)	Q _c max. (W)	ΔT _{max} . (°C)
1.	TEC1-127120-50	50 × 50 × 4.0	127	12.0	15.4	113.1	>60
2.	TEC1-127080-50	50 × 50 × 4.8	127	8.0	15.4	79.1	>60
3.	TEC1-127060-40	40 × 40 × 4.0	127	6.0	15.4	54.9	>60
4.	TEC1-127040-40	40 × 40 × 4.8	127	4.0	15.4	35.6	>60
5.	TEC1-127030-30	30 × 30 × 4.0	127	3.0	14.2	25.1	>60
6.	TEC1-071060-30	30 × 30 × 4.0	71	6.0	8.4	29.6	>60
7.	TEC1-071040-30	30 × 30 × 4.8	71	4.0	8.4	19.7	>60
8.	TEC1-017040-15	15 × 15 × 4.8	17	4.0	2.0	4.7	>60
9.	TEC1-065040-4H	40 × 20 × 4.8	65	4.0	7.6	17.8	>60
10.	TEC1-035030-3H	30 × 15 × 4.8	35	3.0	4.2	7.4	>60

Remarks : Heat face temperature=27°C

Part Number System: TE C1 - 071 030 - 30

a. b. c. d. e.

- a. Thermoelectrics
- b. Chip Layer : 1
- c. Couples : 71
- d. Max. Current : 3A
- e. Dimension : 30 × 30 mm

127060-40

DC 12V

071040-30

DC 6V

安全電壓

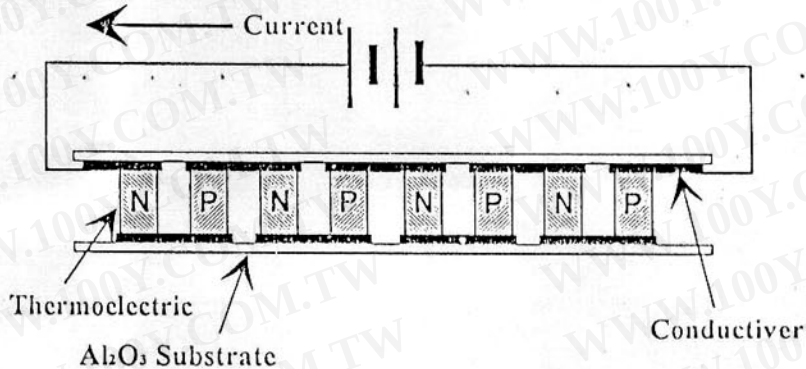
勝特力材料 886-3-5753170

勝特力電子(上海) 86-21-34970699

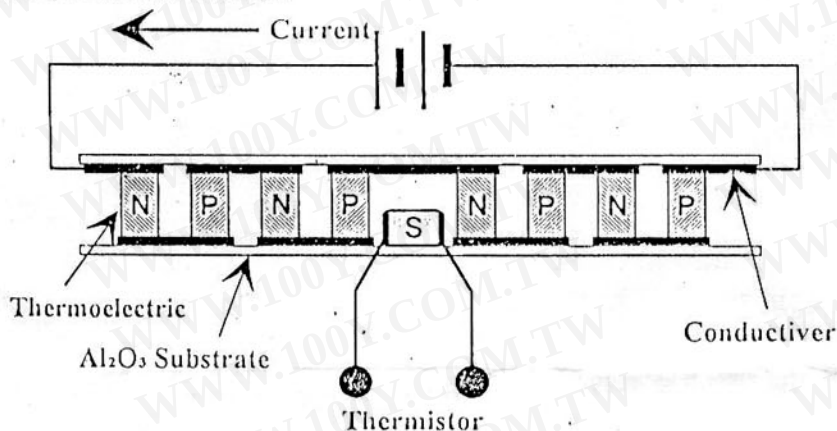
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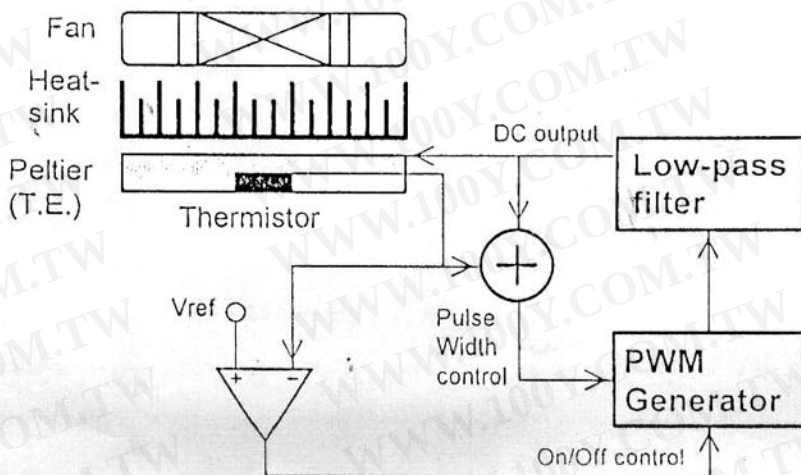
1. STANDARD TYPE:



2. THERMO-SENSOR INSIDE:

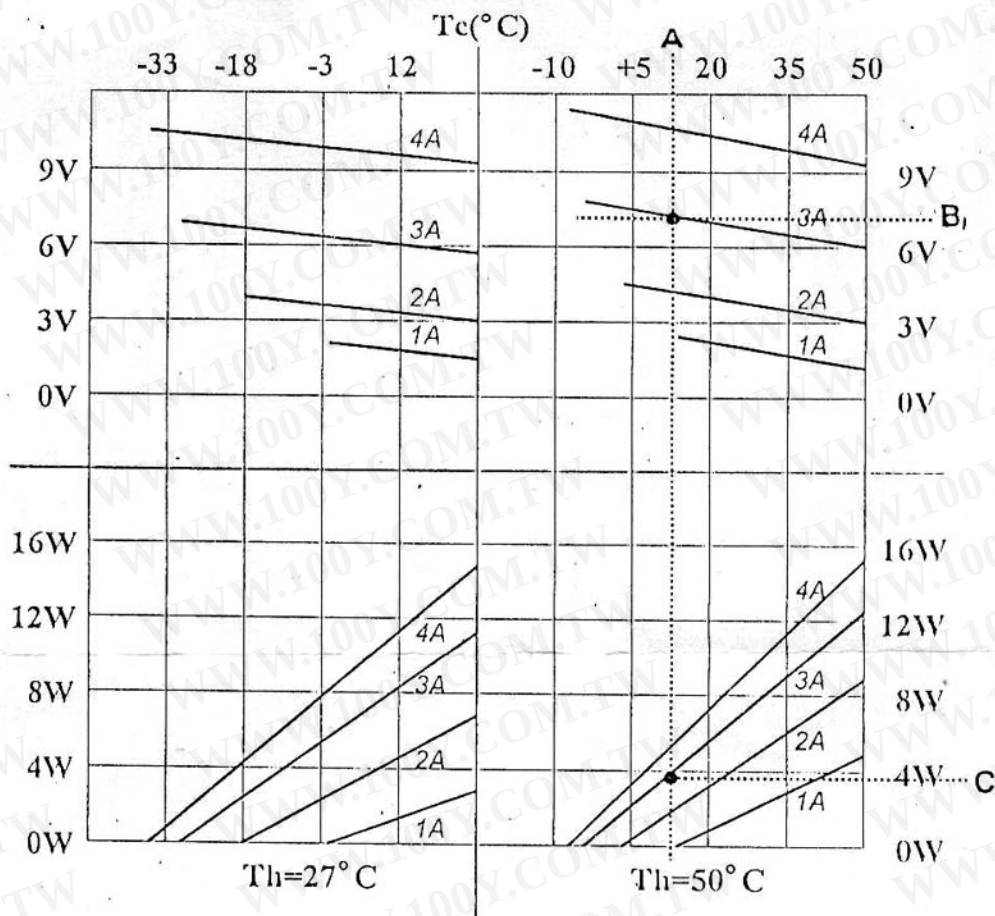


3. APPLICATION:



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4. CALCULATE THE TRANSFOR POWER:



1. Set heat side max. operation temperature. (ex. 50°C)
2. Set cold side temperature and draw a vertical line - 'A' . (ex. 10°C)
3. Set operation voltage and draw a horizontal line - 'B' (ex. 7V) intersecting to line - 'A'.
4. Record the value of current (ex. 2.9A) at intersection point of line - 'A' and line - 'B'.
5. From the intersection point of line - 'A' and current curve, draw a horizontal line - 'C' in the lower half graph.
6. From line - 'C', record the value of transfor power. (ex. 3.9W)

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