

SPECIFICATION

Product : Thermoelectric module

Part Number : PK2-15828NC

1 . Scope

- 1—1 This specification is applied to Multicomp thermoelectric modules
 1—2 Revision of these specifications is carried out after consent.

2 . Specification

2 - 1 Parameters

| Parameters | | Remarks | |
|----------------------------|--|---------|--------|
| Internal resistance | 5.00 Ω \pm 10% | Note-1 | |
| I _{max.} | 2.8 A | Note-2 | |
| V _{max.} | 15.7 V | Note-3 | |
| | Th=27°C | Th=50°C | |
| Q _{max.} | 8.7 W | 9.6 W | Note-4 |
| Δ T _{max.} | 95 °C | 105°C | Note-5 |
| solder melting point | 138°C | | Note-6 |
| Maximum. compress. | 98.07N/cm ² (10 kgf/cm ²) | | Note-7 |

Note-1 Measured by AC 4-terminal method at 25°C.

Note-2 Maximum current at Δ T_{max.}

Note-3 Maximum voltage at Δ T_{max.}

Note-4 Maximum cooling capacity at I_{max.},V_{max.} and Δ T = 0°C.

Note-5 Maximum temperature difference at I_{max.},V_{max.} and Q = 0W.

(Maximum parameters are measured in a vacuum 1.3P)

Note-6 The solder melting point of thermoelectric module

Note-7 Recommended maximum compression (not destruction limit)

2 - 2 Outline Drawing