

Thermoelectric module QC - 71-1.4-3.7

Performance Data

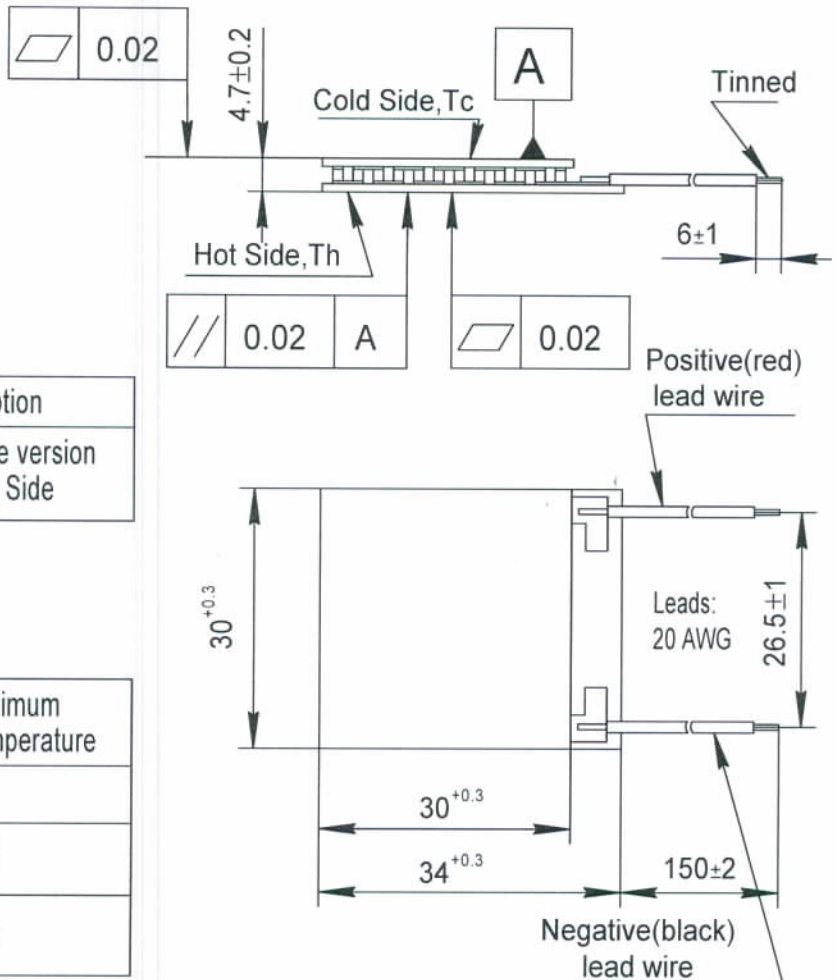
| | | |
|--------------------------|------|---|
| I _{max} (amps) | 4 | $\Delta T = \Delta T_{max}$. $T_h = 25 \pm 0.5$ °C. |
| V _{max} (volts) | 8.2 | $T_h = 25 \pm 0.5$ °C. $\Delta T = \Delta T_{max}$. $I = I_{max} \pm 0.1A$ |
| ΔT_{max} (°C) | 71 | $T_h = 25 \pm 0.5$ °C. $I = I_{max} \pm 0.1A$ |
| Q _{max} (watts) | 19.5 | $T_h = T_c = 25 \pm 0.5$ °C. $I = I_{max} \pm 0.1A$ |
| AC resistance (ohms) | 1.8 | 25 ± 0.5 °C. |

Environment: dry air, N₂

Tolerances for thermal and electrical parameters $\pm 10\%$

Drawing № ND 062.00.00

Dimensions in millimeters



Options

| | Description |
|--|------------------------------------|
| | High reliable version on Cold Side |

| Lead wire insulation | Module maximum processing temperature |
|----------------------|---------------------------------------|
| PVC | 90°C |
| Silicone | 200°C |
| PTFE | 200°C |

Additional

- RoHS 2002/95/EC compliant
- Cold Side and Hot Side Ceramics: Al₂O₃, white 96%
- Assembling Solder: SnSb, M.P. 232 °C ; SnCu M.P. 227 °C