

Thermoelectric Module QC-127-2.0-15.0M

Performance Data

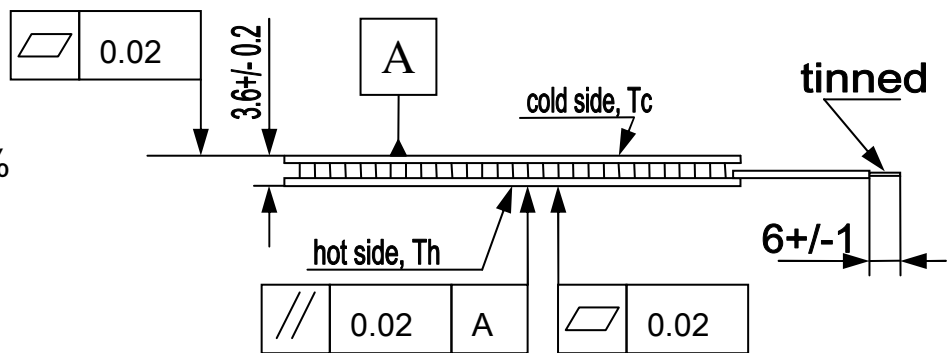
$I_{\max}(\text{A})$	15,0	$\Delta T = \Delta T_{\max}$. $T_h = 25 \pm 0.5^\circ\text{C}$
$V_{\max}(\text{V})$	14.6	$T_h = 25 \pm 0.5^\circ\text{C} / \Delta T = \Delta T_{\max} / I = I_{\max} \pm 0.1 \text{ A}$
$\Delta T_{\max}(\text{K})$	71	$T_h = 25 \pm 0.5^\circ\text{C} / I = I_{\max} \pm 0.1 \text{ A}$
$Q_{\max}(\text{W})$	130	$T_h = T_c = 25 \pm 0.5^\circ\text{C} / I = I_{\max} \pm 0.1 \text{ A}$
AC resistance (Ω)	0,88	$25 \pm 0.5^\circ\text{C}$

Environment: dry air, N_2

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

Drawing N_D ND

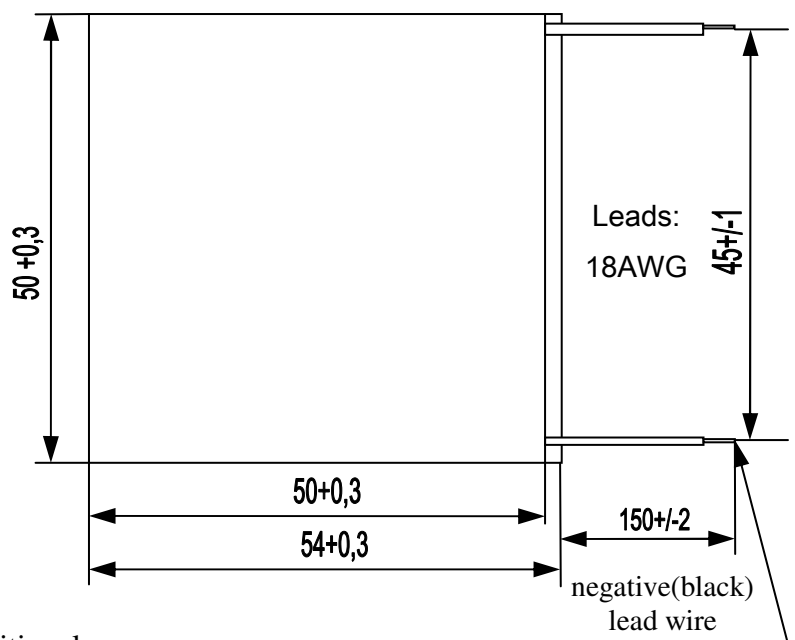
Dimensions in millimetres



Options:

Model number	Description
QC-127-2.0-15.0M	High reliable version on cold side

Lead wire insulation	Module maximum processing temperature
PVC	90°C
silicone	200°C
PTFE	200°C



Additional

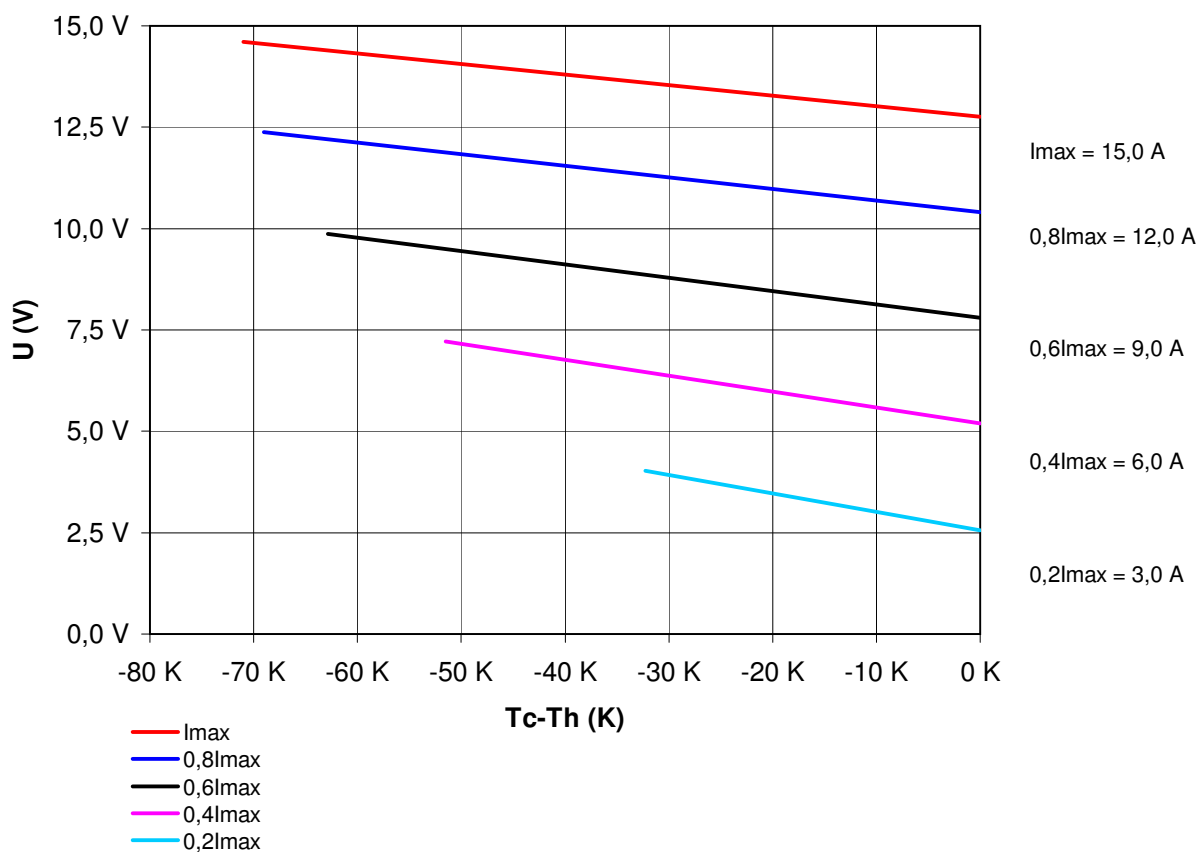
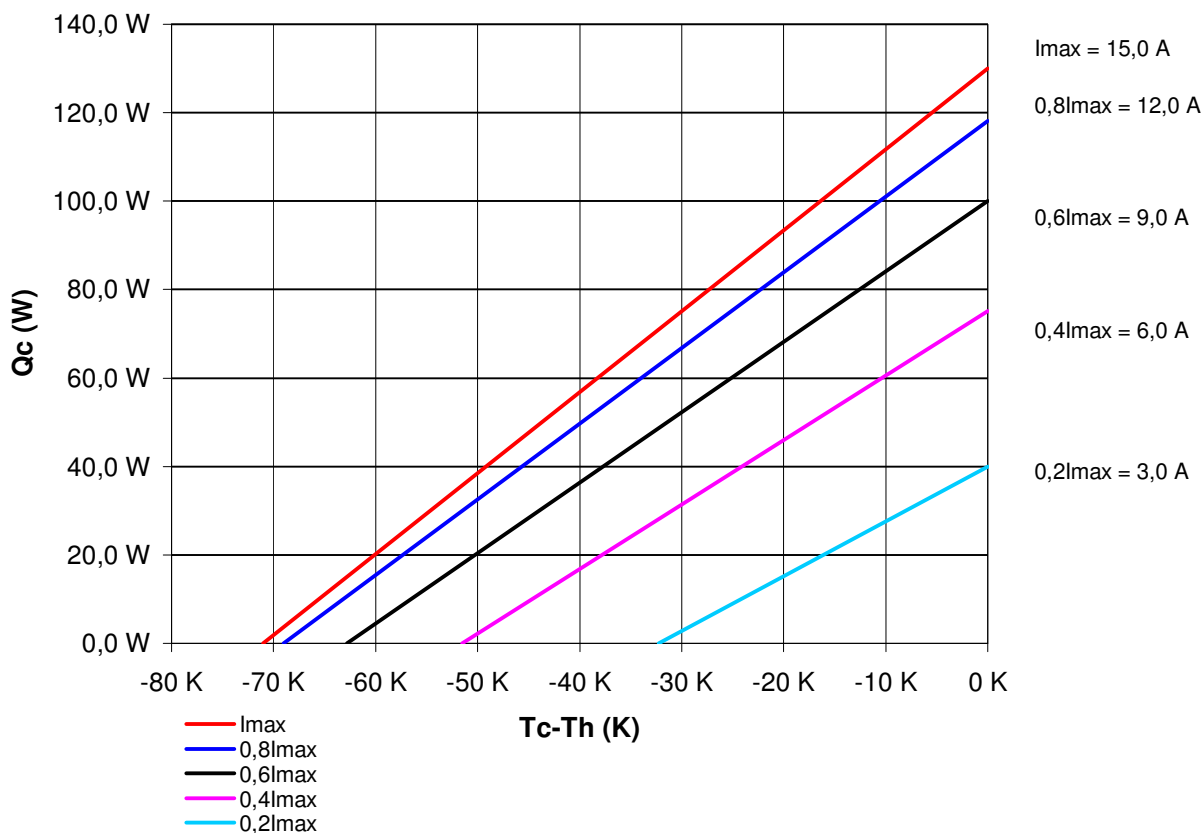
- RoHS 2002/95/EC compliant
- cold side and hot side ceramics Al_2O_3 white
- assembling solder: SnSp, M.P. 232°C; SnCu M.P. 227°C

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Performance graphs for QC-127-2.0-15.0M modules at 25°C
 Environment: dry air



Performance graphs for QC-127-2.0-15.0M modules at 50°C
Environment: dry air

