

## Thermoelectric Module QC-127-2.0-15.0M

### Performance Data

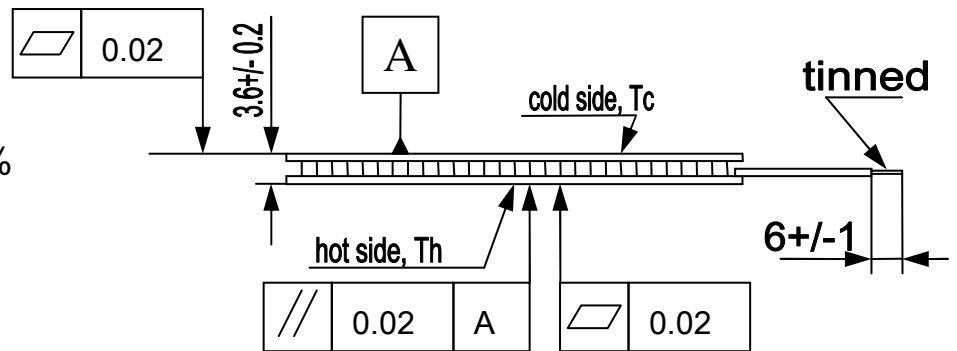
$I_{max}(A)$	15,0	$\Delta T = \Delta T_{max}$ . $T_h = 25 \pm 0.5^\circ C$
$V_{max}(V)$	14.6	$T_h = 25 \pm 0.5^\circ C / \Delta T = \Delta T_{max} / I = I_{max} \pm 0.1 A$
$\Delta T_{max}(K)$	71	$T_h = 25 \pm 0.5^\circ C / I = I_{max} \pm 0.1 A$
$Q_{max}(W)$	130	$T_h = T_c = 25 \pm 0.5^\circ C / I =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

Environment: dry air,  $N_2$

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

Drawing  $N_D$  ND

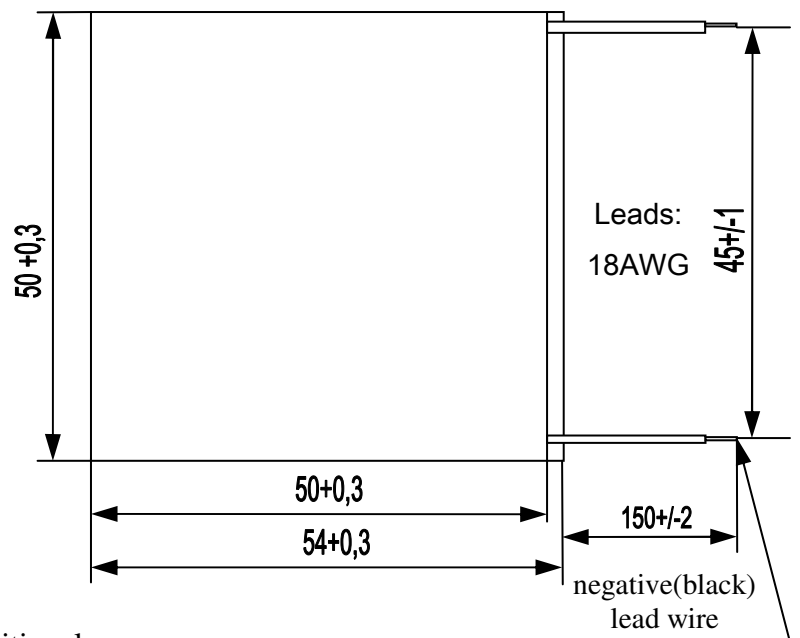
Dimensions in millimetres



### Options:

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

Lead wire insulation	Module maximum processing temperature
PVC	$90^\circ C$
silicone	$200^\circ C$
PTFE	$200^\circ C$



### Additional

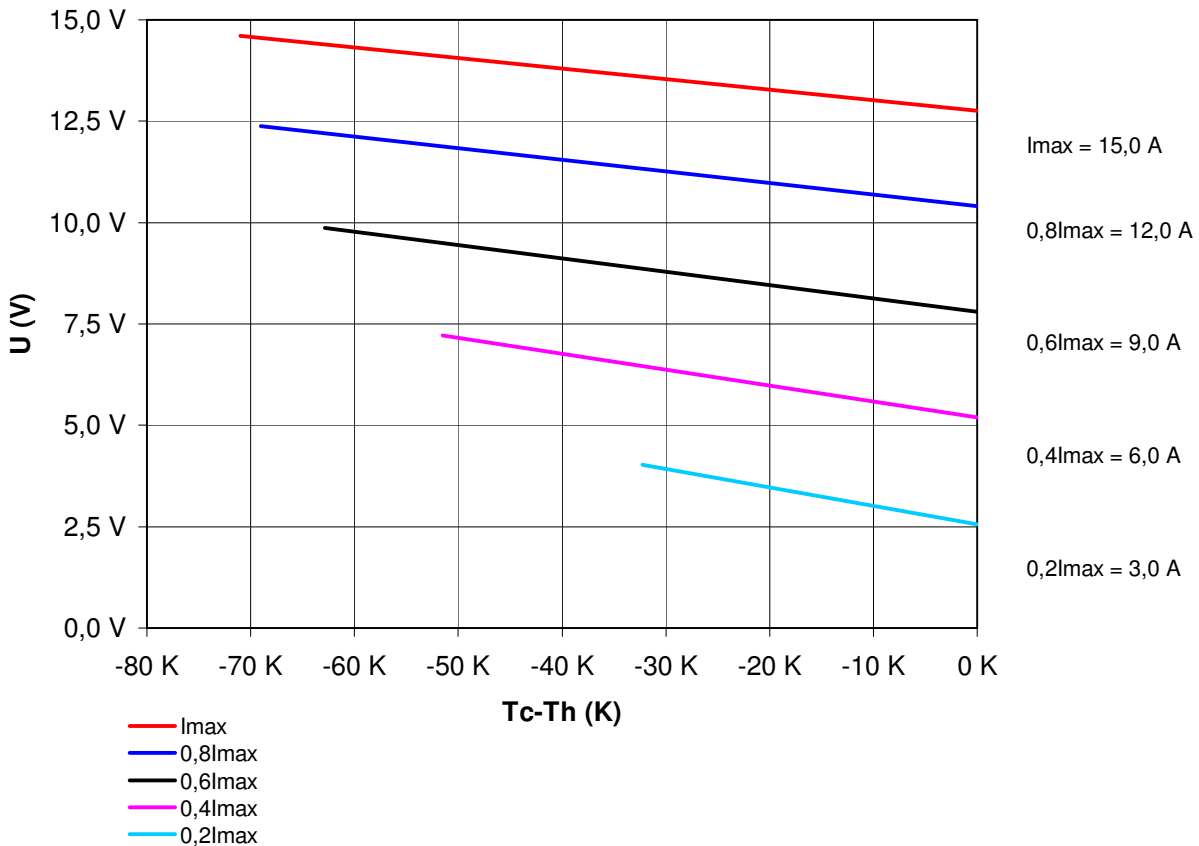
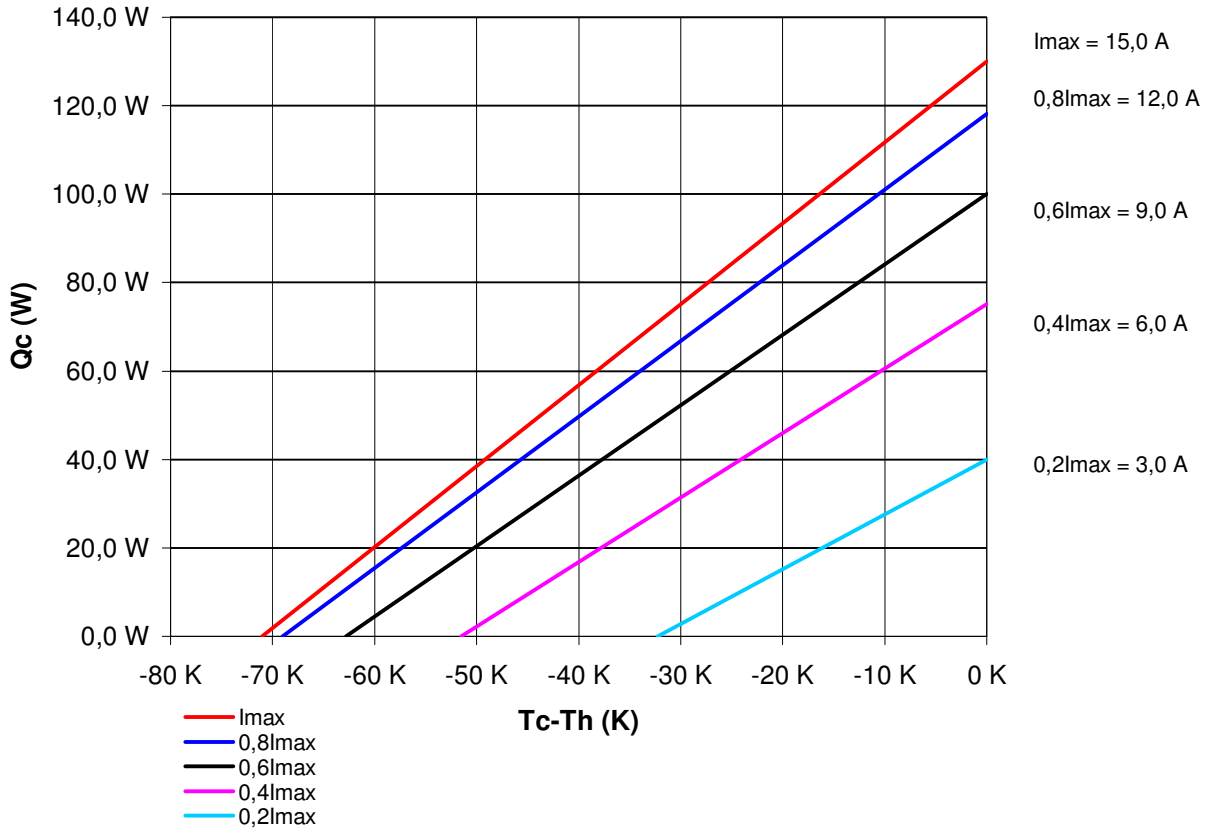
- RoHs 2002/95/EC compliant
- cold side and hot side ceramics  $Al_2O_3$  white
- assembling solder: SnSp, M.P.  $232^\circ C$ ; SnCu M.P.  $227^\circ C$

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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

