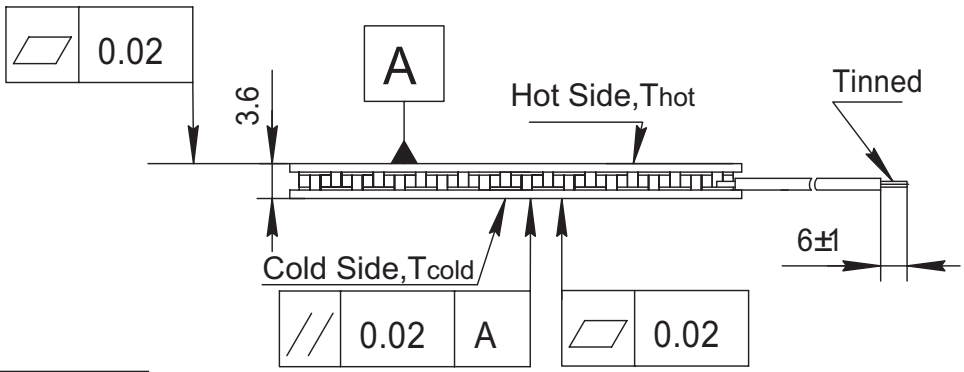
Thermoelectric module QCG-127-1.0-1.3

Performance Data

V_{OC}, V	6.6	T_{hot}=+175°C , T_{cold}=+50°C
V_{load}, V	3.3	
R_{load}, Ohm	4.4	
W_{load}, W	2.4	
R_{in}, Ohm	4.4	
Module AC resistance, Ohm	2.4	25 ± 0.5 °C

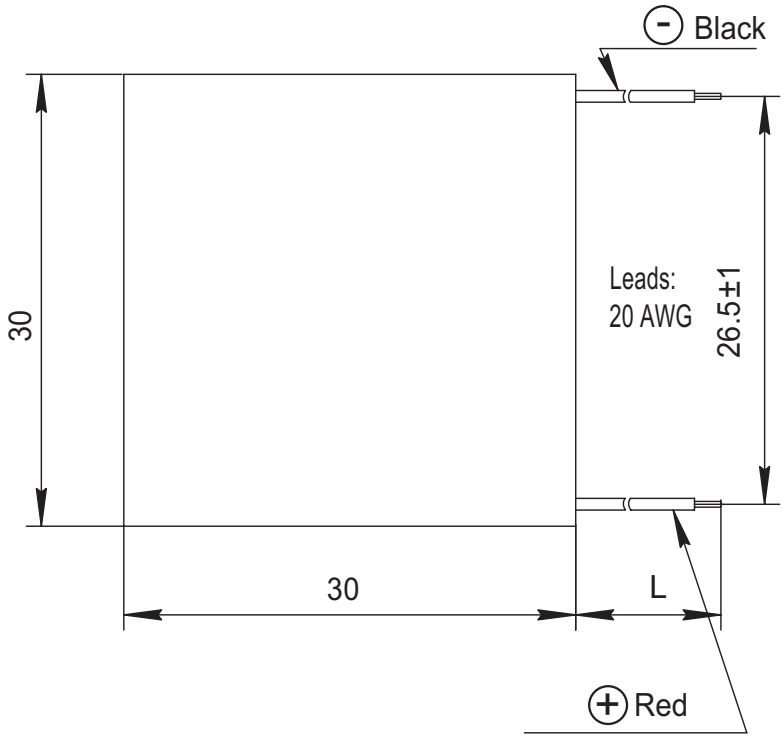
Tolerances for thermal and electrical parameters ± 10%

Dimensions in millimeters



Options

Lead wire insulation	Maximum processing temperature
Silicone	180°C
PTFE	200°C

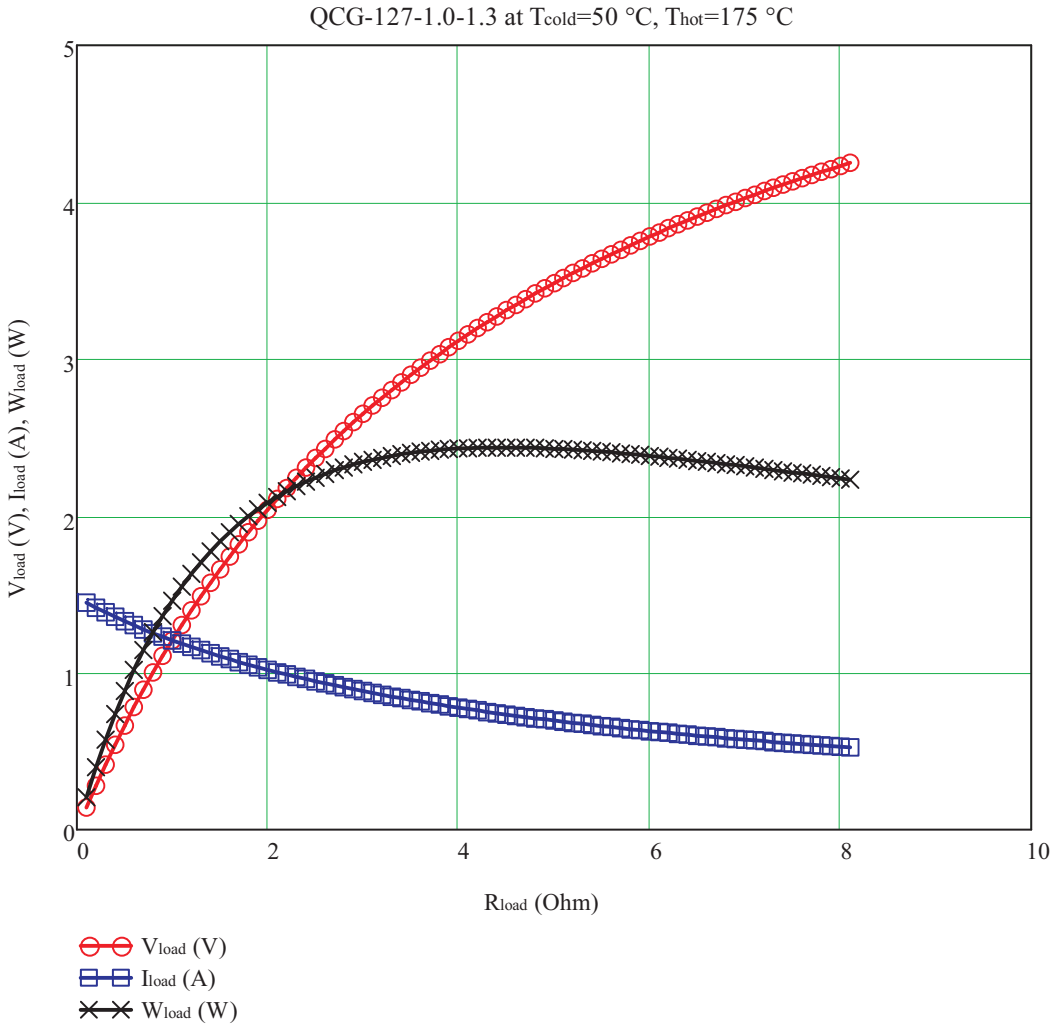


L -upon customer request

Additional

- RoHS 2002/95/EC compliant
- Cold Side and Hot Side Ceramics: Al_2O_3 , white 96%
- Assembling Solder : SnSb , M. P. 232 °C ; SnCu , M.P. 227 °C

QCG-127-1.0-1.3 power generating TE module



0.33 W /°C is a thermal conductance of the module at T_{cold}=50 °C and T_{hot}=175 °C
V_{oc} = 6.6 V is an open circuit voltage,
R_{load} is a load resistance, Ohm,
W_{load} is an output power corresponded to load resistance R_{load} , W,
V_{load} is an output voltage, corresponded to R_{load} , V.