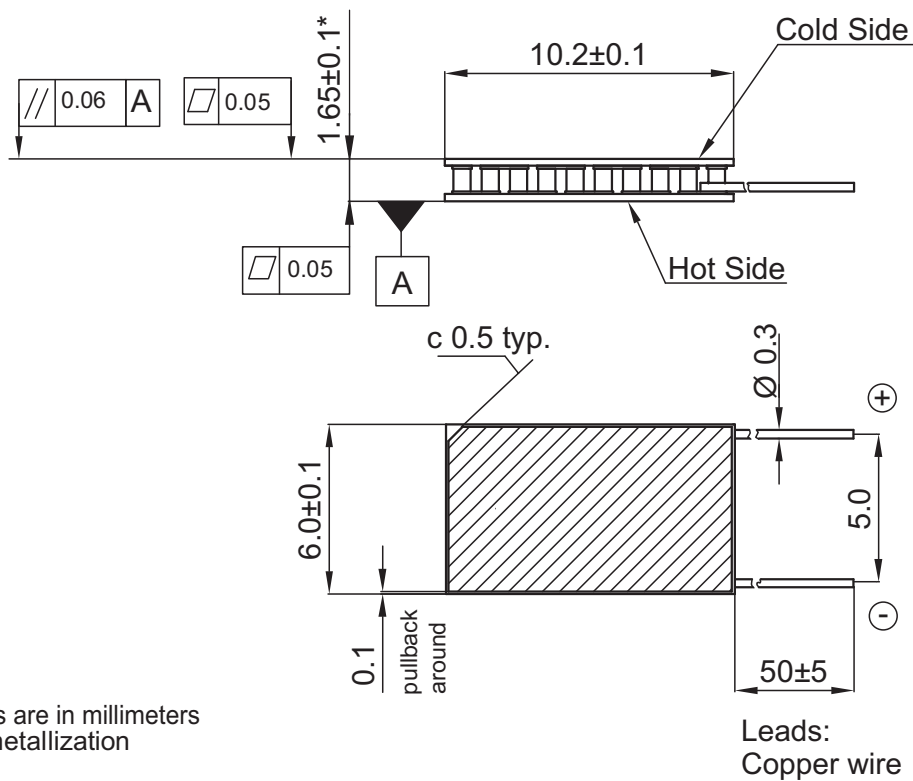
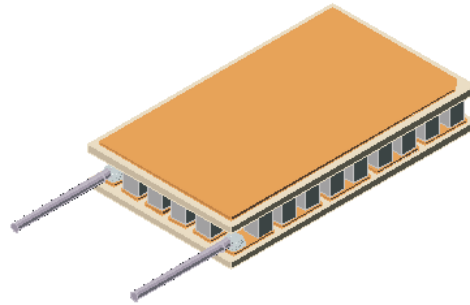


Thermoelectric Module TM-29-0.6-2.0

Performance Data

V_{max}	(V)	3.3	$T_{hot}=27\text{ }^{\circ}\text{C}$ <i>Vacuum</i> <i>(0.13 Pa or less)</i>
Q_{max}	(W)	4.3	
ΔT_{max}	($^{\circ}\text{C}$)	73	
I_{max}	(A)	2.0 ± 0.1	
R	(Ohm)	1.4	
Maximum processing temperature 225 $^{\circ}\text{C}$ This product is compliant to RoHS (2002/95/EC)			



All dimensions are in millimeters
 * Including metallization

Ordering options

Module type	Description
TM-29-0.6-2.0	No metallized exterior
TM-29-0.6-2.0 T	Hot side has metallized exterior
TM-29-0.6-2.0 TT	Hot side and Cold side has metallized exterior

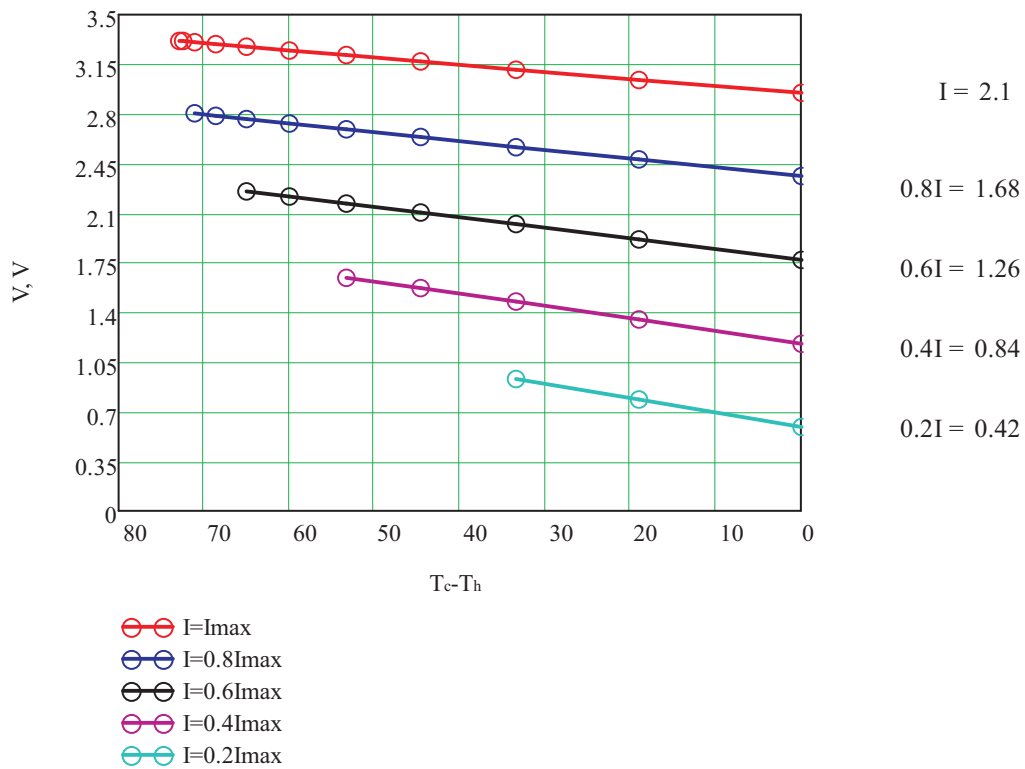
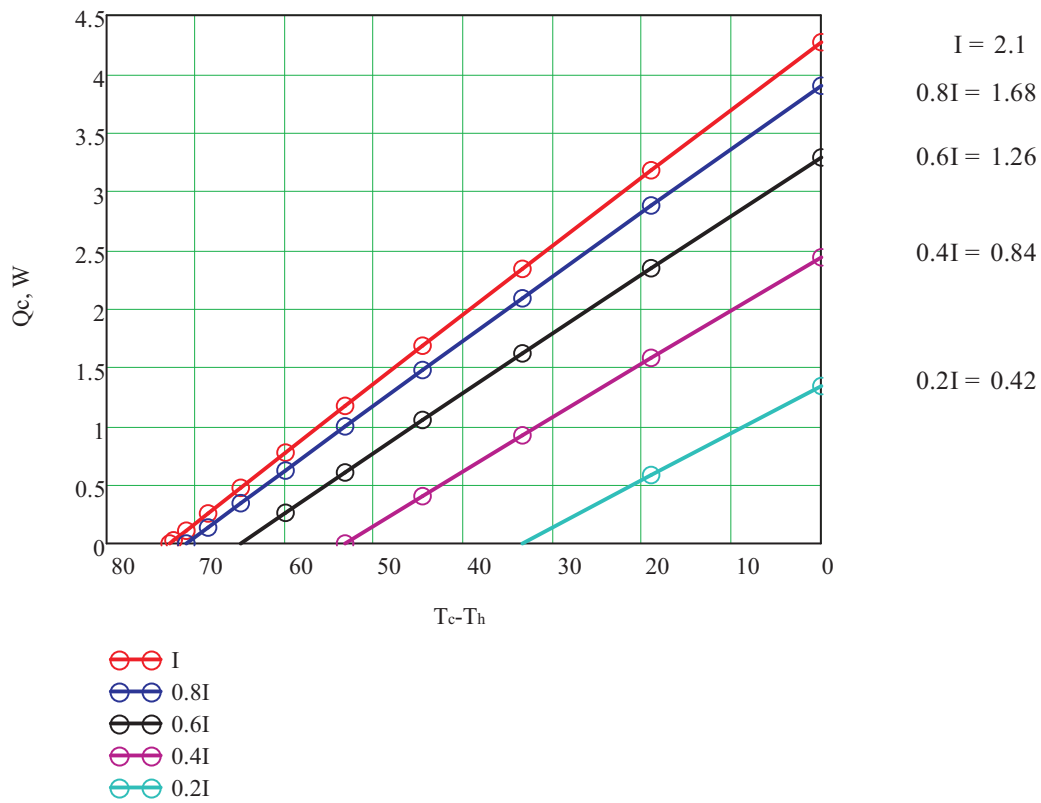
Available modifications

- Pretinning is available on metallized module surfaces upon request:

Solder	$T_{melting\ point},\text{ }^{\circ}\text{C}$	Notice
In-Ag	143	RoHS compliant
Bi-Sn	138	RoHS compliant
In-Sn	117	RoHS compliant
Sn-Pb	183	Non RoHS compliant
Sn-Pb-Ag	179	Non RoHS compliant
Pb-Sn-Bi	94	Non RoHS compliant

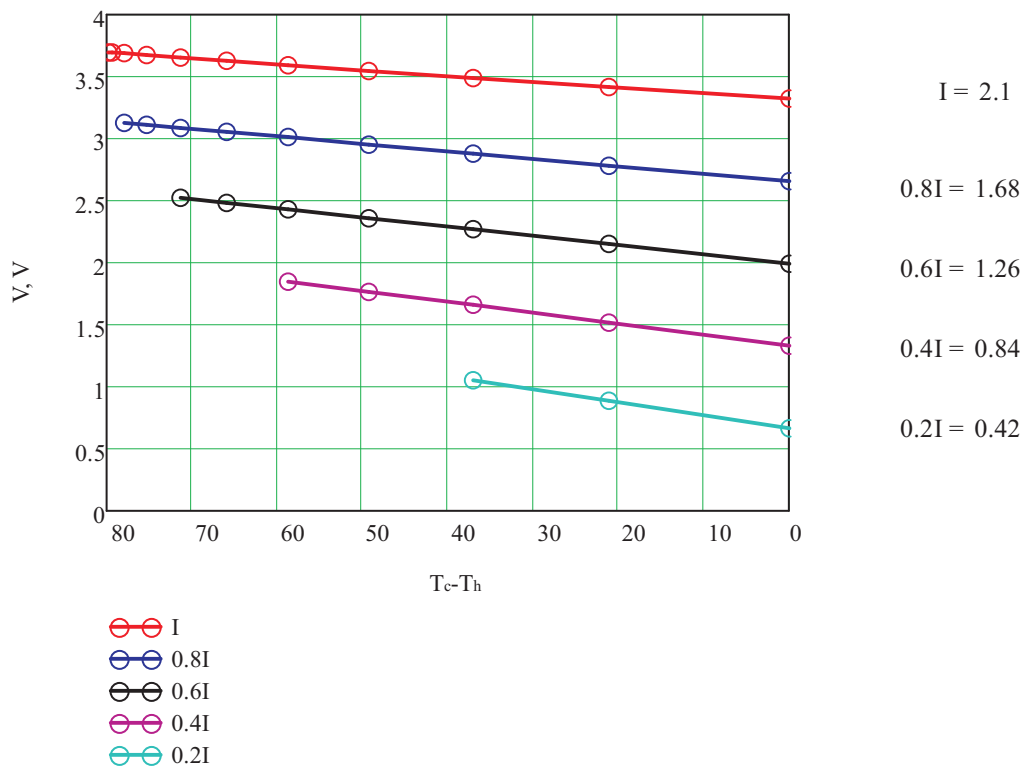
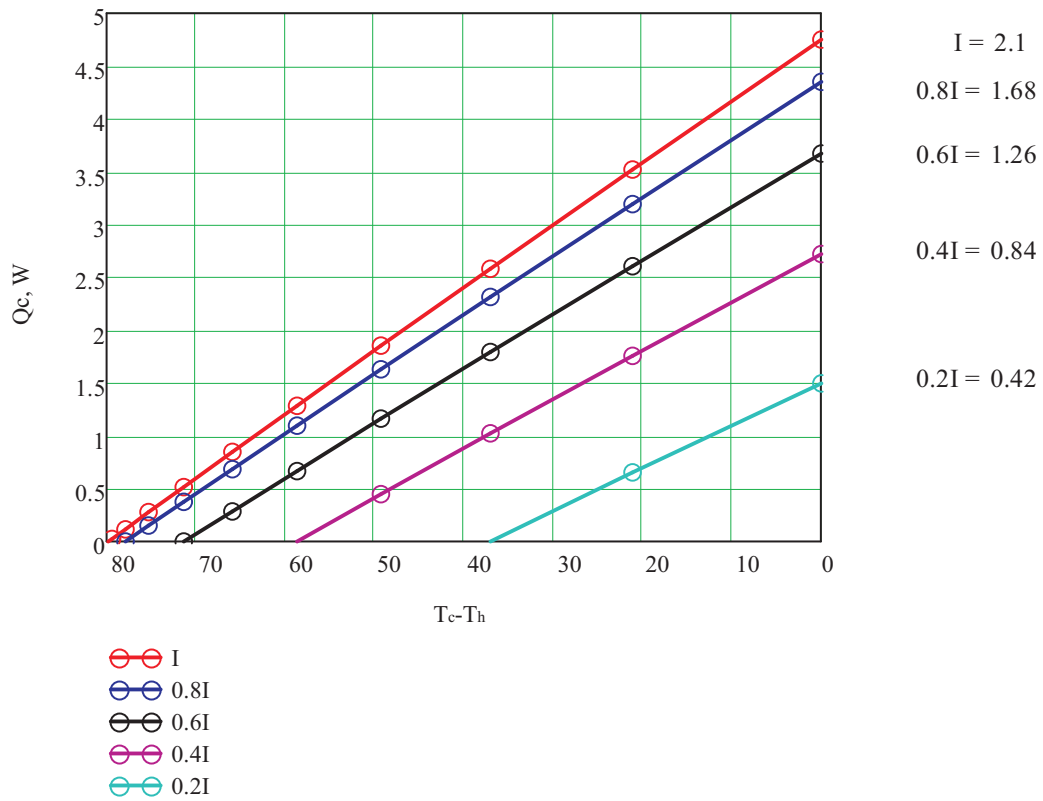
- Results of output screening test can be provided upon request
- Reliability qualification can be performed upon request

Performance graphs for TM-29-0.6-2.0 TT modules at $T_h = 27\text{ }^\circ\text{C}$
 Environment: Vacuum (0.13 Pa)



Q_c -refrigerating capacity at cold side of the module (W),
 $\Delta T = T_c - T_h$ - temperature difference between cold and hot sides of the module (°C),
 I - DC current through the modules (A)
 V -voltage applied to the module (V).

Performance graphs for TM-29-0.6-2.0 TT modules at $T_h = 50\text{ }^\circ\text{C}$
 Environment: Vacuum (0.13 Pa)



Q_c -refrigerating capacity at cold side of the module (W),
 $\Delta T = T_c - T_h$ - temperature difference between cold and hot sides of the module (°C),
 I - DC current through the modules (A)
 V -voltage applied to the module (V).