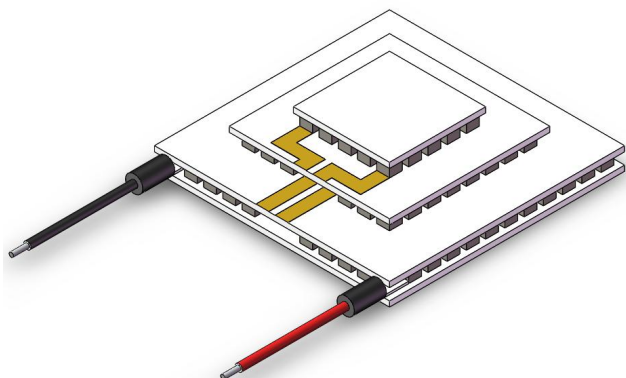


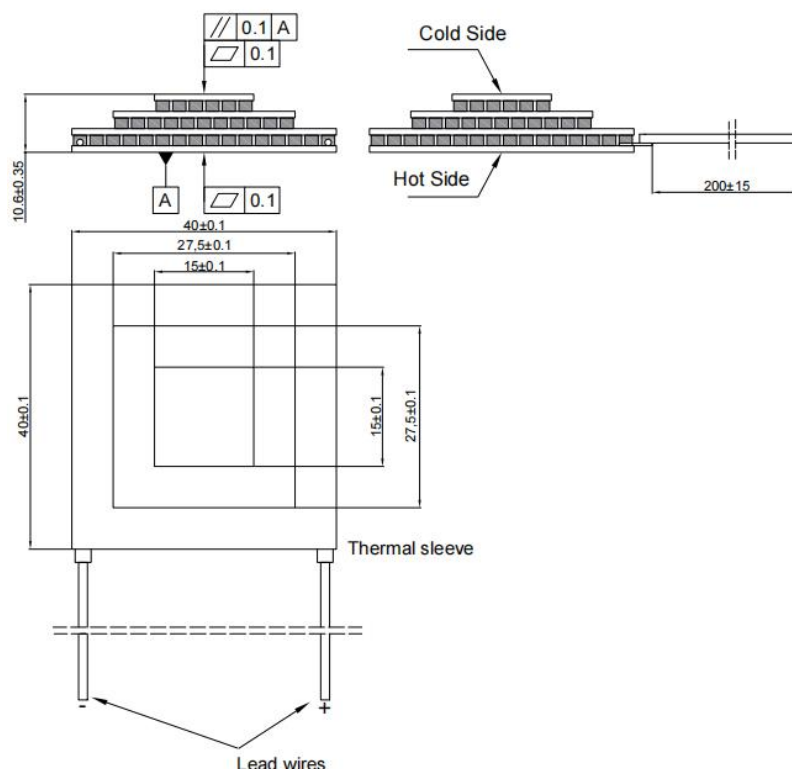


PERFORMANCE CHARACTERISTICS

Vacuum	Th=50°C	Th=30°C
$\Delta T_{max}(K)$	129.5	115
$Q_{max}(W)$	21.3	19.23
$I_{max}(A)$	8.5	8.5
$U_{max}(V)$	17.16	15.71
$ACR(Ohm)$	1.77	1.63

Parameter deviation :+/- 10%

MECHANICAL CHARACTERISTICS



-all dimensions are in mm;

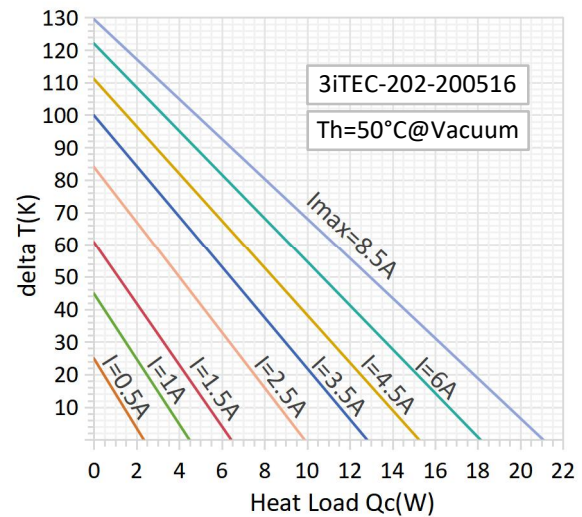
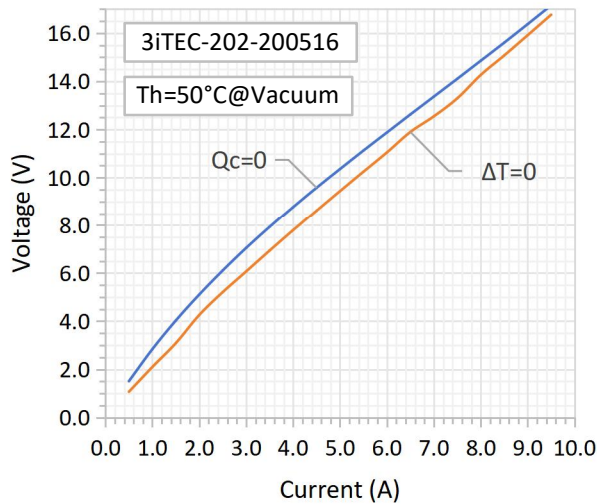
MANUFACTURING SPECIFICATIONS

1. TEC assembly solder - SnBi (m.p. 230°C);
2. Substrates material - 96%AL₂O₃;
 - a) cold side finishing - no metallization;
 - b) hot side finishing - no metallization;
3. Terminal contacts - 20AWG Teflon wires;
4. Sealing - No sealing specified;
5. Max short time processing temperature - 200°C;
6. Product is RoHS and REACH compliant;
7. TEC is Telcordia GR468 and MIL-STD-883 compliant

TYPICAL PERFORMANCE GRAPHS

Voltage-Current characteristic

ΔT —F(Q_c)



-TEC performance graphs at different ambient temperature are available on request;

Logbook

NO.	REVISION	Date	Version
1	Initial version	2025.5.12	Rev00