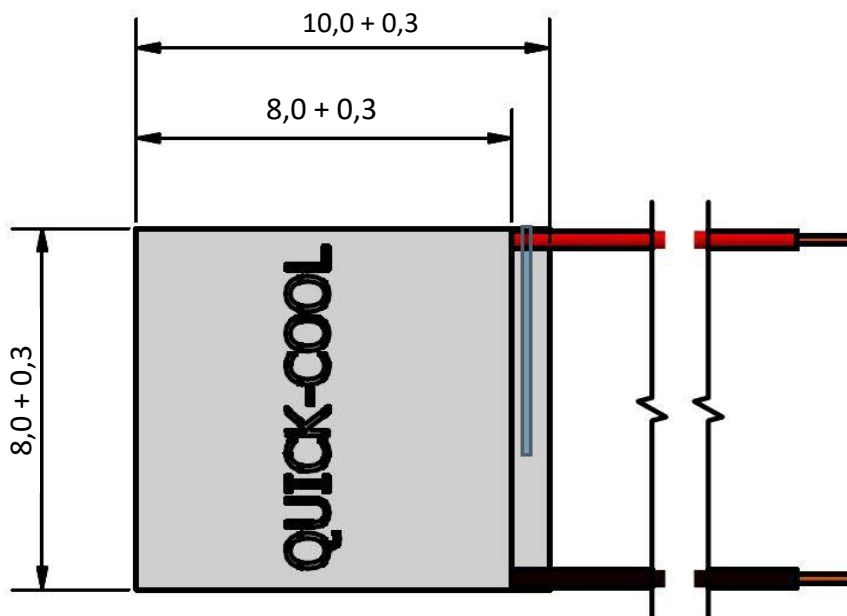
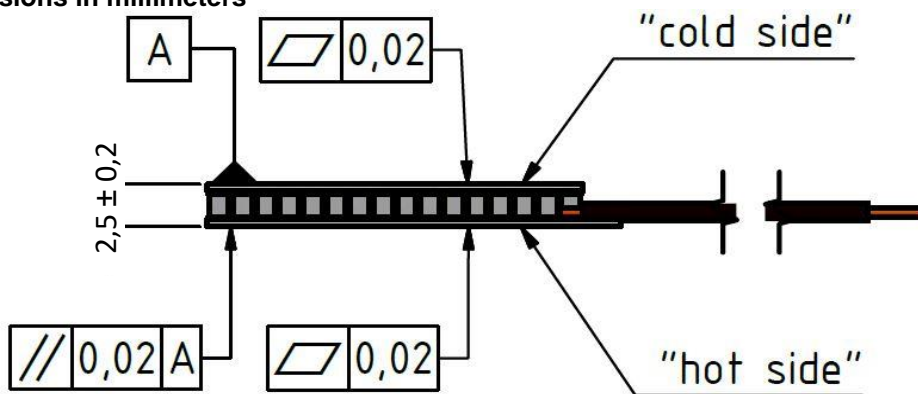


## QC-32-0.6-1.5 X<sub>1</sub>X<sub>2</sub>

I <sub>max</sub> (amps)	1,8 A	ΔT = ΔT <sub>max</sub> ; Th = 25°C ± 0.5 K
U <sub>max</sub> (volt)	3,6 V	ΔT = ΔT <sub>max</sub> ; Th = 25°C ± 0.5 K
ΔT <sub>max</sub> (kelvin)	-73°K	I = I <sub>max</sub> ; Th = 25°C ± 0.5 K; Q = 0 W
Q <sub>max</sub> (watts)	3,91 W	I = I <sub>max</sub> ; Th = 25°C ± 0.5 K; ΔT = 0 K
AC resistance (ohms)	1,9 Ω	25°C ± 0.5 K

Environment: dry air, N<sub>2</sub>  
 tolerances for thermal and electrical parameters ± 10%  
 dimensions in millimeters



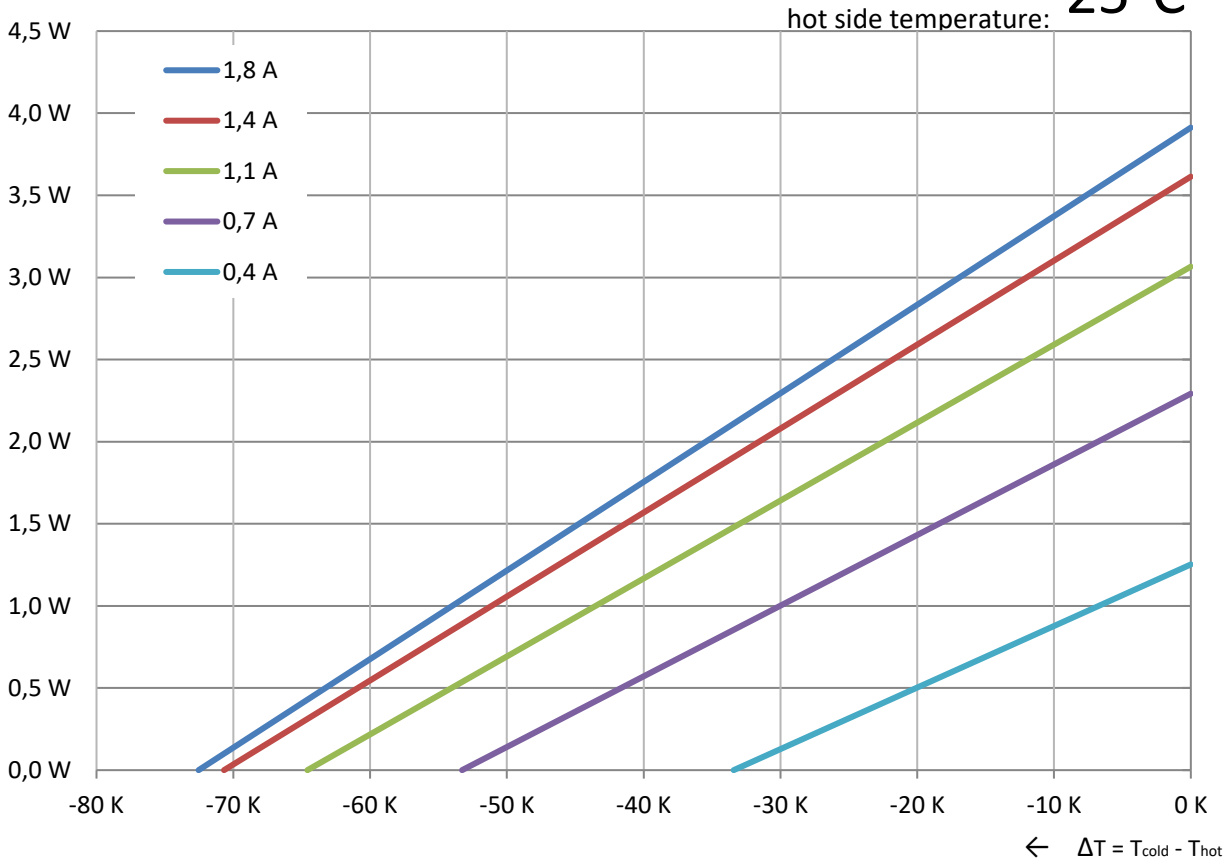
X1=M	T <sub>max</sub> =200°C; high cycle resistance
X1=MM	T <sub>max</sub> =200°C; double high cycle resistance
X2=none	none sealing
X2=S	silicone sealing
X2=X	epoxy sealing
other specials: please contact Quick-Ohm	

**cold side and hot side ceramics: Al<sub>2</sub>O<sub>3</sub>, white 96%**

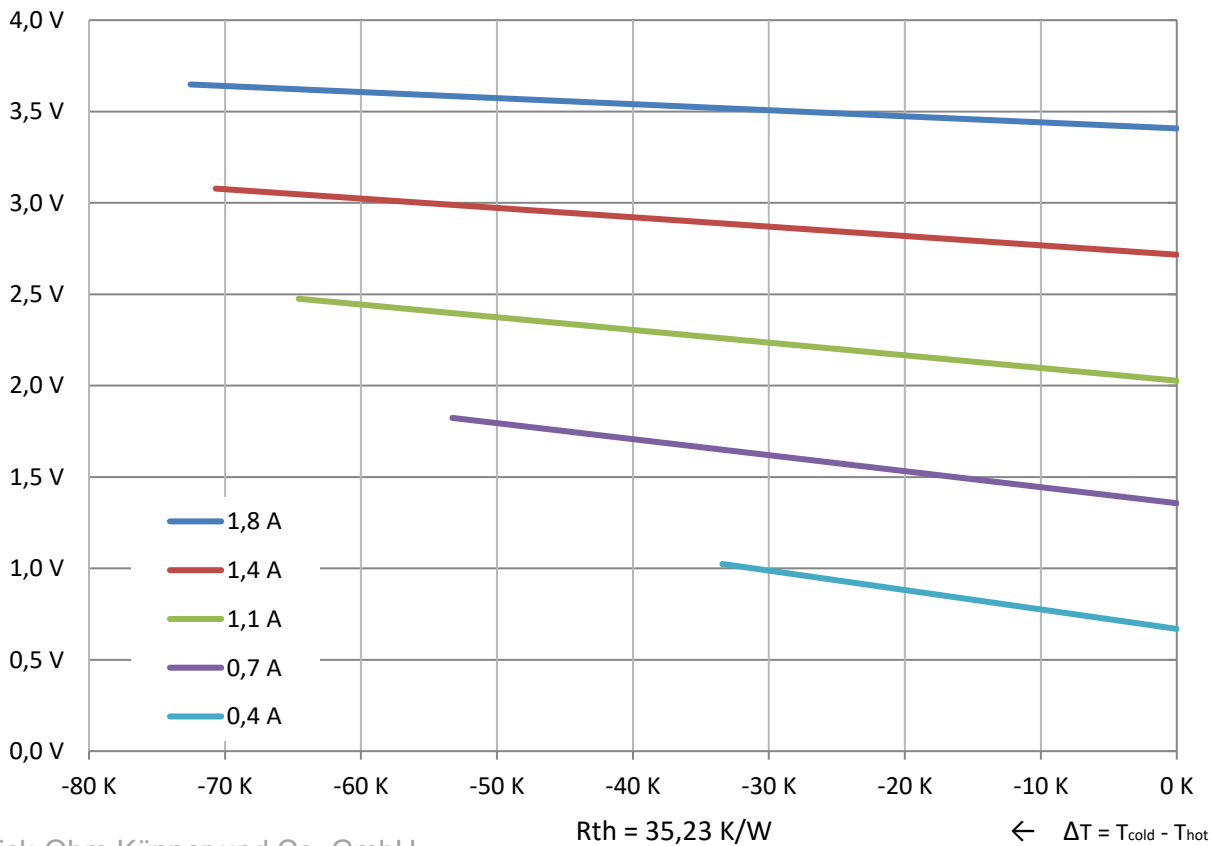
# QC-32-0.6-1.5

Thot:  
**25°C**

cooling power  
↑



↑ module voltage



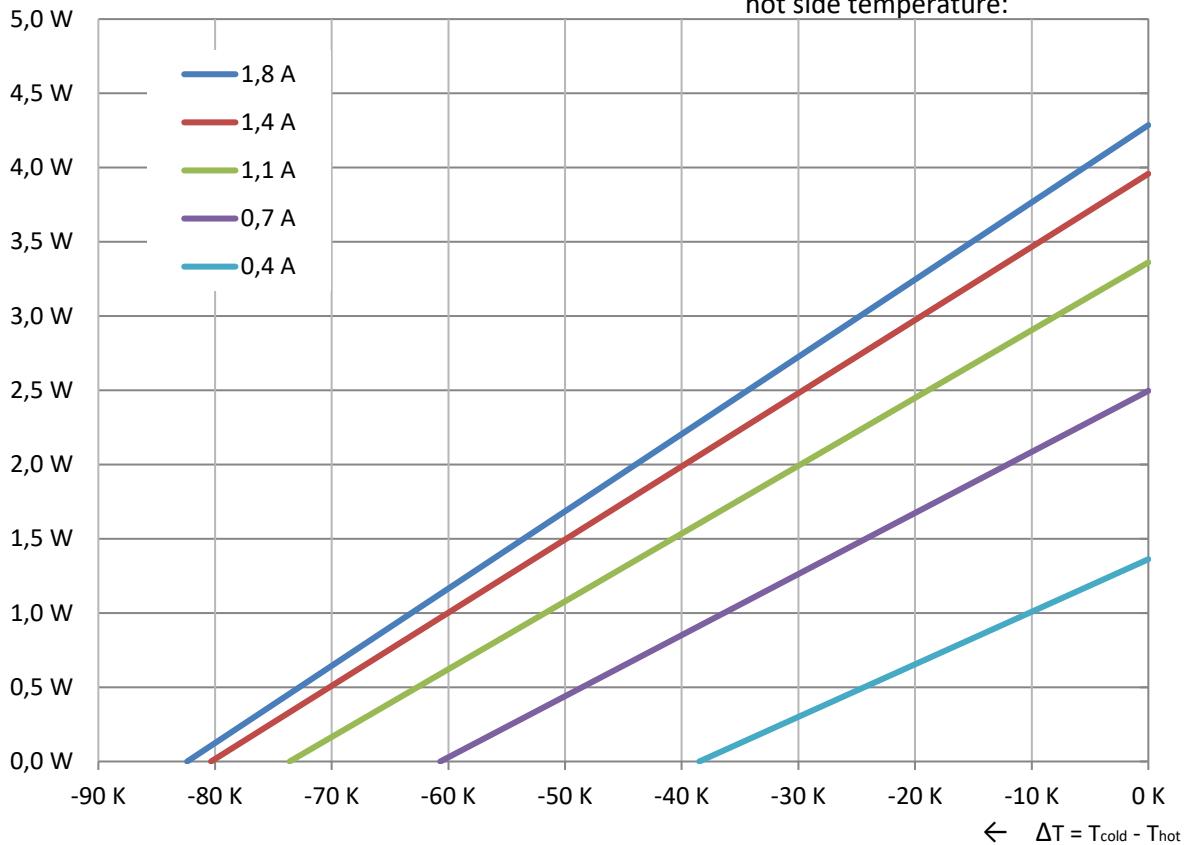
Rth = 35,23 K/W

# QC-32-0.6-1.5

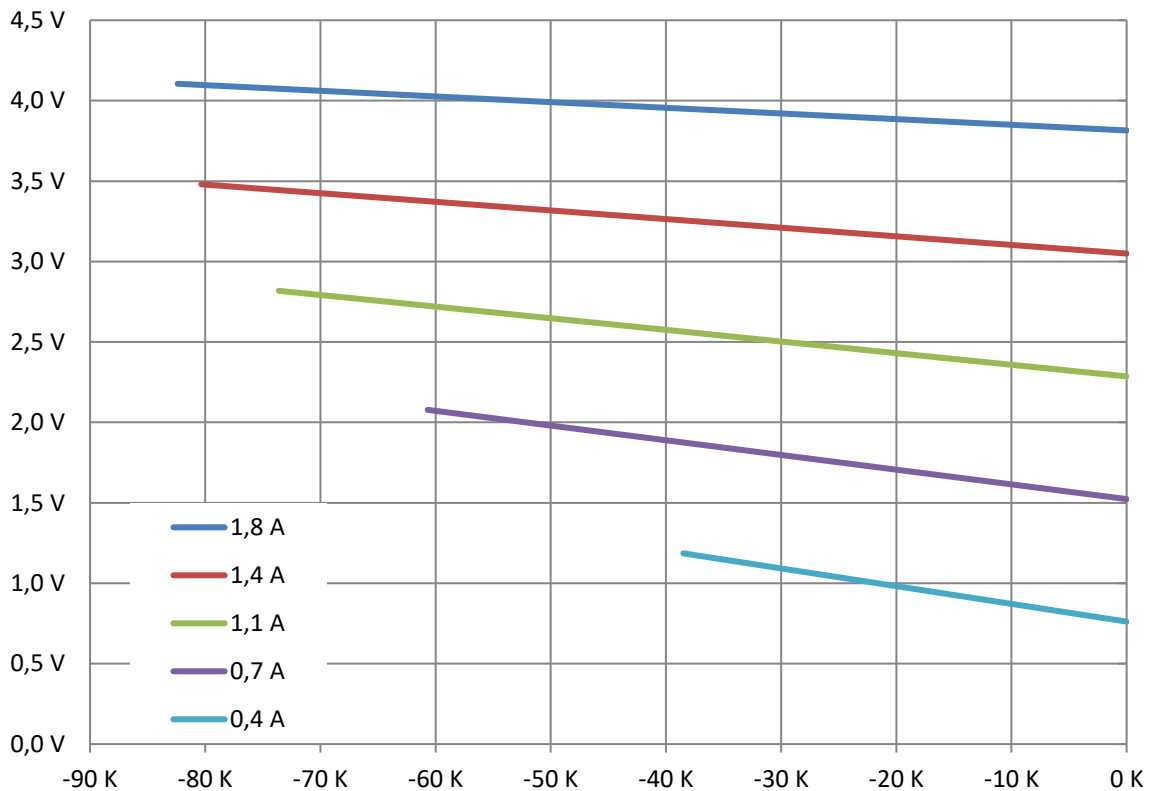
$T_{hot}$ :  
**50°C**

cooling power  
↑

hot side temperature:



module voltage



$R_{th} = 36,77 \text{ K/W}$

←  $\Delta T = T_{cold} - T_{hot}$