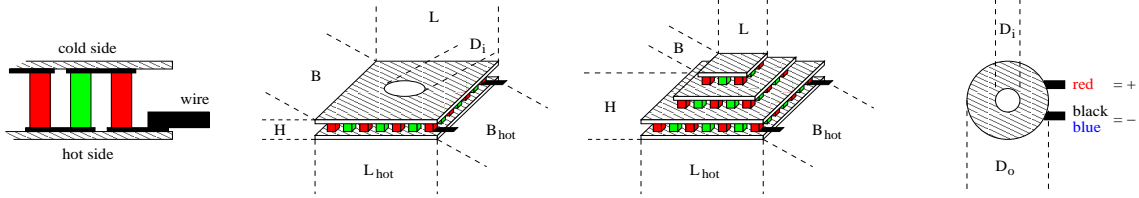


**thermo electrical generator**



**thermal and electrical data:**

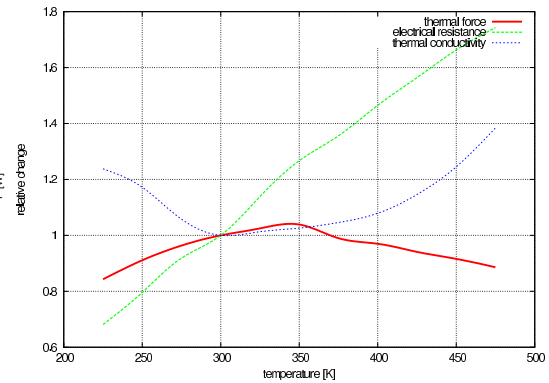
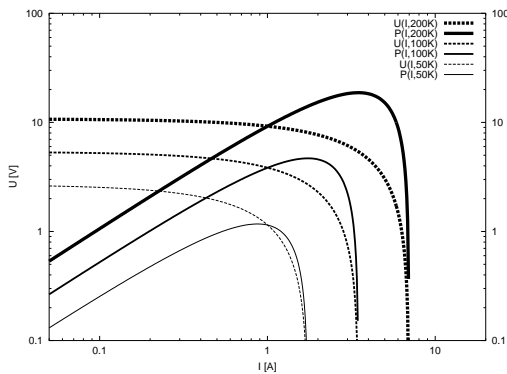
thermal force:	$\alpha$	0.053	$\frac{V}{K}$
resistance:	$\rho$	1.5	$\Omega$
thermal conductivity:	$\gamma$	0.81	$\frac{W}{K}$
available maximum operating temperatures:	$T_{max}$	125, 250	$^{\circ}C$
typical tolerances:		$\pm 5\%$	

**mechanical data:**

size of cold side:	$L \times B \times H$	$40.0 \times 40.0 \times 3.40\text{mm}$
size of hot side:	$L_{hot} \times B_{hot}$	$40.0 \times 40.0\text{mm}$
height tolerance:	$\Delta H$	$\pm 0.25\text{mm}$
length and width tolerances:	$\Delta L$ and $\Delta B$	$+0.5 / -0.2\text{mm}$
weight:	$m$	26 g
ceramic plates:		BK-96 (white)

location of production:

China



**order information:**

part number	maximum operating temperature	modification	internal code
TEG2-40-40-4.7/100	125 $^{\circ}C$	sealed	xx.xx.xxxx
TEG2-40-40-19/200	250 $^{\circ}C$	sealed	xx.xx.xxxx

Internal code is for reference only. Do not use this code for orders!

**Note:** Some or all of the above parts may only be available in OEM quantities.

Consult the factory for information about minimum order quantities: [info@eureca.de](mailto:info@eureca.de)