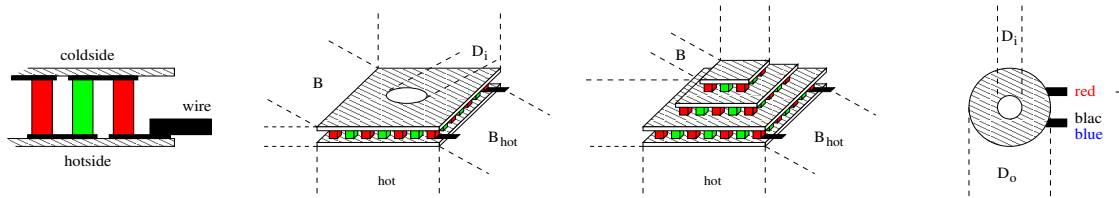


thermo electrical generator



thermal and electrical data:

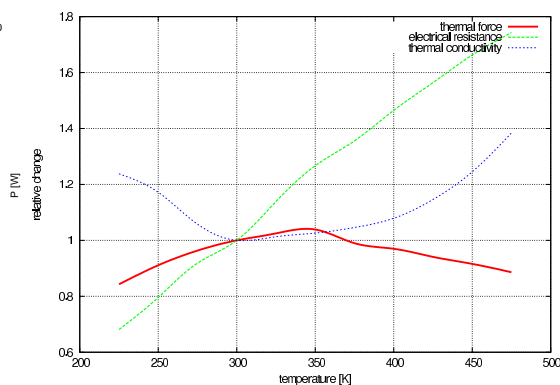
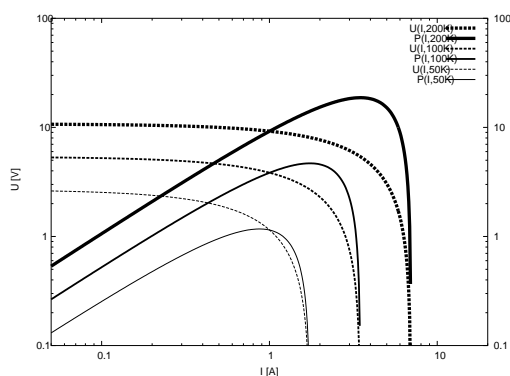
thermal force:	α	0.053	$\frac{V}{K}$
resistance:	ρ	1.5	Ω
thermal conductivity:	γ	0.81	$\frac{W}{K}$
available maximum operating temperatures:	T_{max}	120, 200	$^{\circ}C$
typical tolerances:		$\pm 5\%$	

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:	ΔH	$\pm 0.25\text{ mm}$
length and width tolerances:	ΔL and ΔB	$+0.5 / -0.2\text{ mm}$
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	120 $^{\circ}C$	sealed	xx.xx.xxxx
TEG2-40-40-19/200	200 $^{\circ}C$	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