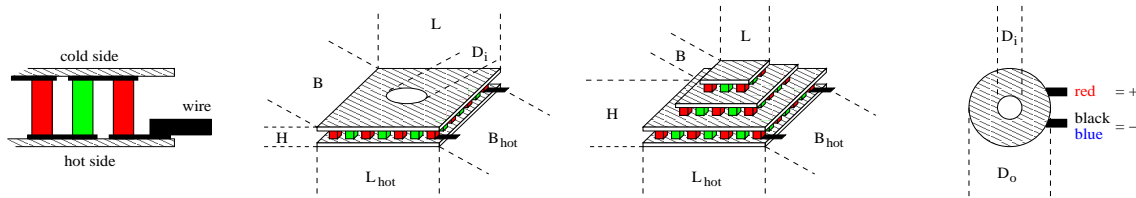


thermo electrical generator



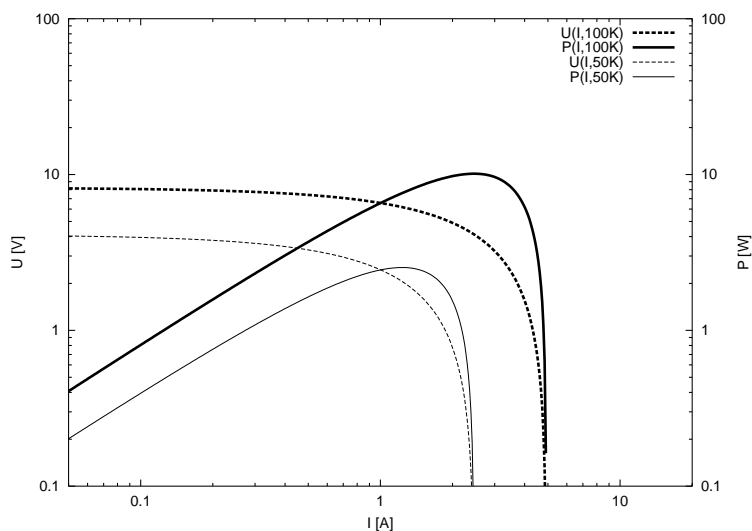
thermal and electrical data:

thermal force:	α	0.0823	$\frac{V}{K}$
resistance:	ρ	1.67	Ω
thermal conductivity:	γ	1.56	$\frac{W}{K}$
available maximum operating temperatures:	T_{max}	150	$^{\circ}C$
typical tolerances:		$\pm 2\%$	

mechanical data:

size of cold side:	$L \times B \times H$	$40.0 \times 40.0 \times 3.20\text{mm}$
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	24 g
ceramic plates:		BK-100 (grey) or BK-96 (white)

location of production: russia



order information:

part number	maximum operating temperature	modification	internal code
TEG1-40-40-10/100	150 $^{\circ}C$	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