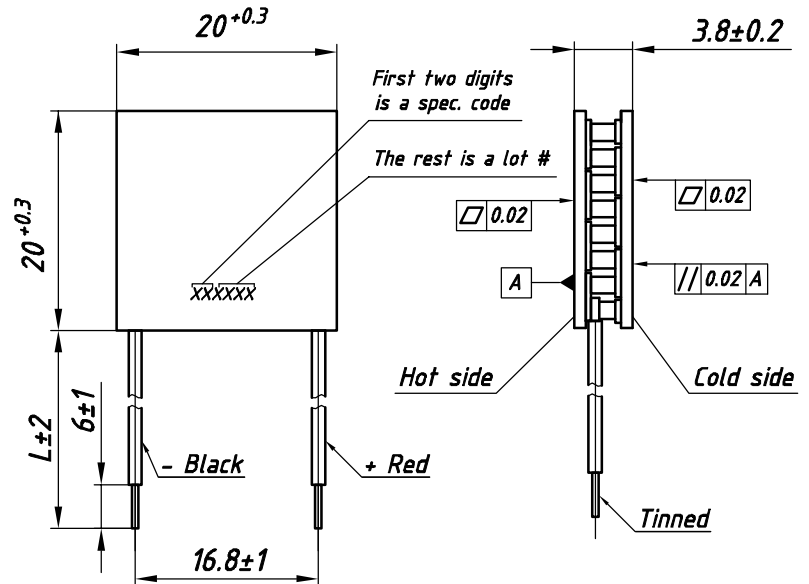


TM-31-1.4-6.0

TECHNICAL DATA

U_{max}	3.6 V	$T_{hot}=25^{\circ}C$ Vacuum
Q_{max}	13.6 W	
ΔT_{max}	72°	
I_{max}	6.5 A	
ACR at 25°C	0.49 Ohm	
Pad type	Hot side	Ceramics Al_2O_3 , white 96%
	Cold side	
Max. processing temperature	Depends on chosen solder type	
Standard tolerances for thermal and electrical parameters $\pm 10\%$		

MODULE DRAWING standard design



STANDARD ORDERING OPTIONS

Nº	Option	Parameter		
1	Lead wires	AWG Nº		
		18	20	22
		L - under customer request		
2	Lead wires length	Type / Max. processing temp.		
		Without insulation / See solder type m.p.t		
		PVC-1 / 85° C		
		PVC-2 / 105° C		
		Silicone / 180° C		
3	Lead wires insulation	Type / Max. processing temp.		
		Type-1 / 138° C		
		Type-2 / 183° C *		
		Type-3 / 227° C		
		Type-4 / 232° C		
4	Internal solder	yes	no	
		no		
5	Anticorrosional coating	Type / Max. processing temp.		
		Without sealing / 200° C		
		Epoxy / 130° C		
		Silicone / 180° C		

AVAILABLE MODIFICATIONS

Design	Description
TM-31-1.4-6.0 M	High reliable version on cold side

OPTIONS UPON REQUEST

Height tolerance	± 0.02
Unflatness and nonparallelism	± 0.02
Porch-style design	

- Solder type marked * is not compliant to RoHS (2002/95/EC)
- For another options consult of our technical support engineers

Performance graphs for TM-31-1.4-6.0 module at $T_h=25\text{ }^\circ\text{C}$
Environment: vacuum

