

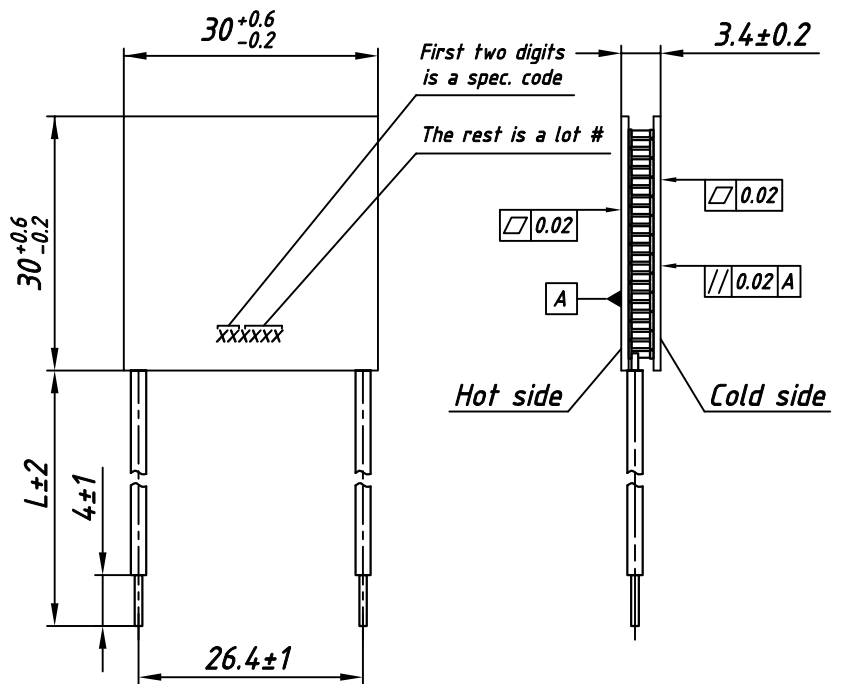
TECHNICAL DATA

U_{max}	8.0 V	$T_{hot}=25^{\circ}C$ Dry air
Q_{max}	43.2 W	
ΔT_{max}	68°	
I_{max}	8.6 A	
ACR at 25°C	0.84 Ohm	
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 $\pm 10\%$		

STANDARD ORDERING OPTIONS

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

MODULE DRAWING
standard design



AVAILABLE MODIFICATIONS

Design	Description
TM-71-1.4-9.0 MM	High reliable version on both sides for thermal cycling applications

OPTIONS UPON REQUEST

Height tolerance	± 0.02
Unflatness and nonparallelism	± 0.02

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