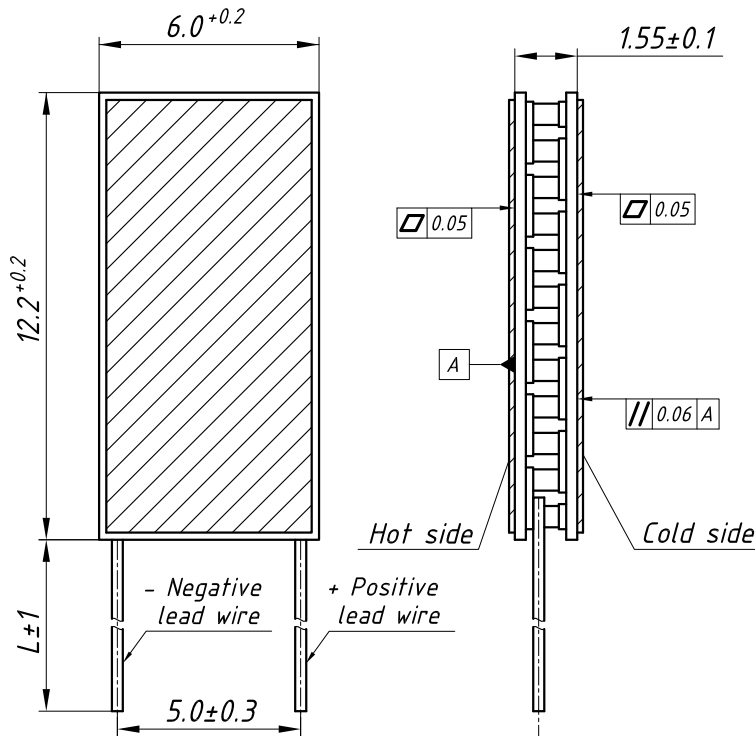


# TM-35-0.7-2.8



## TECHNICAL DATA

$U_{max}$	4.3 V	$T_{hot}=25^{\circ}C$ Vacuum
$Q_{max}$	6.65 W	
$\Delta T_{max}$	72°	
$I_{max}$	2.8 A	
ACR at 25°C	1.4 Ohm	
Lead wires type	Cu wire Sn plated $\phi 0.3$ mm	
Solder	Lead Free, m.p.t. $\geq 227^{\circ}C$	
Metallization	Cu+Ni+Au	
Hot side	Ceramics $Al_2O_3$ , white 96%	
Cold side		
Maximum processing temperature 180 °C		
Tolerances for thermal and electrical parameters $\pm 10\%$		
This product is compliant to RoHS (2002/95/EC)		

### AVAILABLE MODIFICATIONS

Design	Description
TM-35-0.7-2.8 TT	Standard design with metallization on both sides

### MODIFICATIONS UPON REQUEST

Design	Description
TM-35-0.7-2.8	Standard design without metallization
TM-35-0.7-2.8 T	Standard design with metallization on the hot side

### OPTION UPON REQUEST

Height tolerance	$\pm 0.05$
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For another options consult of our technical support engineers

### STANDARD ORDERING OPTIONS

N°	Option	Parameter
1	Lead wires length	$L \geq 30$ mm
2	Lead wires insulation	Maximum processing temperature
	Without insulation	200 °C
3	Sealing	Maximum processing temperature
	No sealing	200 °C
	Epoxy	130 °C
	Silicone	180 °C

### Notes

- When applying plus voltage to positive lead wire the module cold side becomes heat absorbing surface.
- Module AC resistance at 25°C does not include resistance of lead wires.

Ferrotec Nord Corp.  
[www.ferrotec-nord.com](http://www.ferrotec-nord.com)  
 e-mail: [info@ferrotec-nord.com](mailto:info@ferrotec-nord.com)  
 phone: +7 (499) 357-67-71  
 Peschany Carrier 3, 109383 Moscow, Russia

Performance graphs for TM-35-0.7-2.8 modules at  $T_h=25\text{ }^\circ\text{C}$   
 Environment: vacuum

