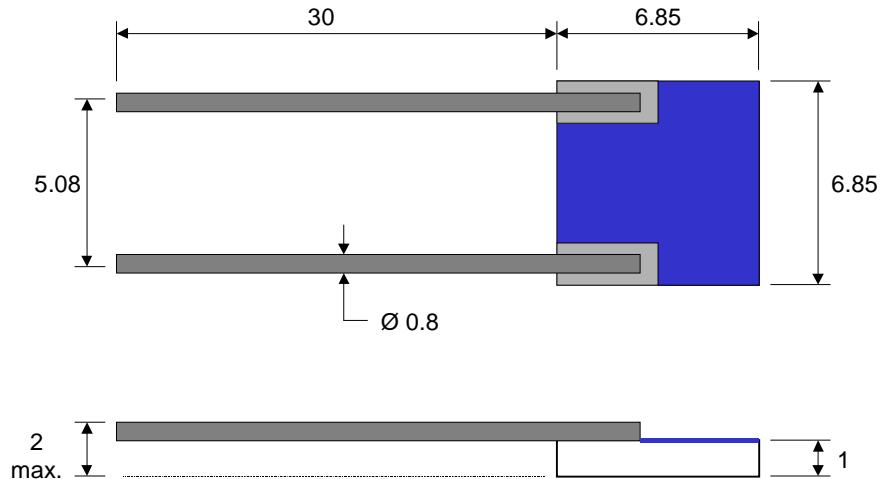


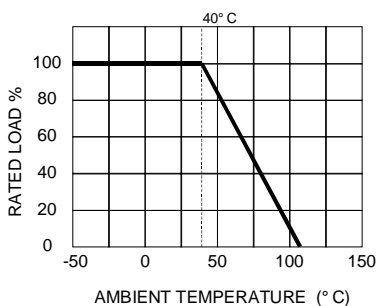
## Serie N685 TNK / MK Low TC Power Film Resistors



### Characteristics

Version	TNK	MK	
Operating Temperature	0 to +105 °C	-55 to +175 °C	
Nominal Power	0.75 Watt (at 40 °C)	0.75 Watt (at 125 °C)	
Max. Voltage	300 Volt	2000 Volt	
Resistance Range	1 K to 1 Meg	1 Ohm to 350 Meg	
Tolerance	1% to 0.01%	1% to 0.1%	
Temperature Coefficient	5, 10, 15, 25 ppm/°C	50 ppm/°C	(1 ohm to 5 ohm 100ppm/°C)
Overload	0.15%	0.2% max	2.5 x P <sub>nom</sub> ,(do not exceed 1.3 x V <sub>max</sub> )
Insulation Resistance	>10'000 Mohm		
Dielectric Strength	>500 Volt		25° C 75% relative humidity
Thermal Shock	0.1% max	0.2% max	MIL Std. 202, method 107 Cond.C
Moisture Resistance	0.25 % max	0.5% max	MIL Std. 202, method 106
Load Life	0.05% max	0.25% max	1000 Hours at rated power
Encapsulation	Screen Printed Silicon		
Lead Material	Tinned Copper		

### Derating Curve TNK



### Derating Curve MK

