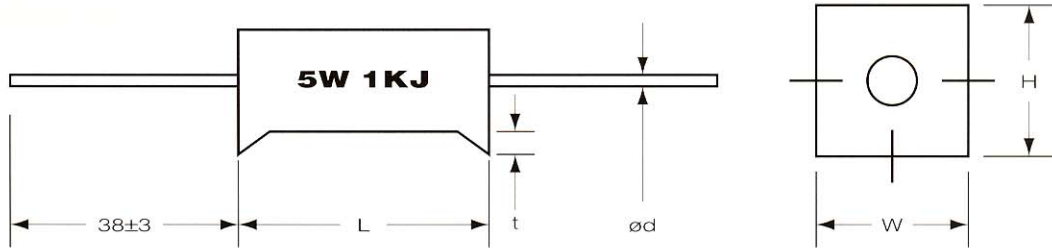




# SQT Series Cement Wire Wound Resistors



## DIMENSIONS:

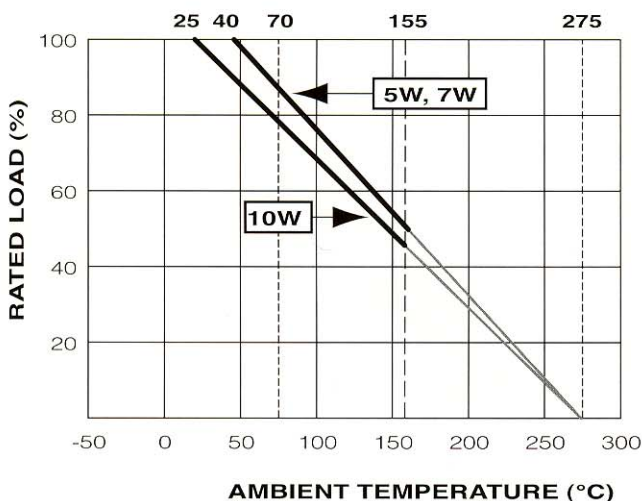
STYLE	DIMENSIONS (mm)				RESISTANCE RANGE ( $\Omega$ )
	W	H	L	t	
<b>SQT</b>					
<b>5W</b>	10±1	9±1	22±1.5	1.5±0.5	0.1~50K
<b>7W</b>	10±1	9±1	35±1.5	3.0±0.5	0.1~50K
<b>10W</b>	10±1	9±1	48±1.5	3.0±0.5	0.1~50K

## ELECTRICAL CHARACTERISTICS:

Style	Power Rating 70°C	SQT-5W	SQT-7W	SQT-10W
Operating Temp. Range		-55°C ~ +155°C		
Max. Working Voltage		350V	500V	500V
Max. Overload Voltage		700V	1000V	1000V
Dielectric Withstanding Voltage (AC)		700V	1000V	1000V
Value Range ±5% (Ceramic core)		0.1 $\Omega$ ~ 100 $\Omega$	0.5 $\Omega$ ~ 220 $\Omega$	1 $\Omega$ ~ 270 $\Omega$
Value Range ±5% (Metal Oxide Film)		0 $\Omega$ ~ 100K	240 $\Omega$ ~ 10K	300 $\Omega$ ~ 10K
Temp. Coefficient		±300ppm/°C		

- \* a. Standard resistance is as the above list, below or over this resistance is on request.  
 b. Value for NKN Non-Inductive type is up to 50 $\Omega$  only.

## DERATING CURVE



## TEMPERATURE RISE

