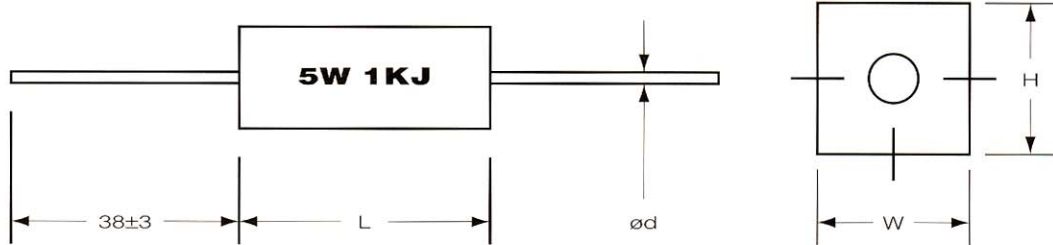


SQP-L Series Cement Wire Wound Resistors



DIMENSIONS:

| STYLE | DIMENSIONS (mm) | | | | | | ød |
|-------|-----------------|----------|----------|----------|----------|----------|-----------|
| | Normal | Mini. | Normal | Mini. | Normal | Mini. | |
| SQP-L | L | | W | | H | | |
| 1W | 14.0±1.0 | 14.0±1.0 | 6.0±1.0 | 6.0±1.0 | 5.9±1.0 | 5.9±1.0 | 0.56±0.05 |
| 2W | 18.0±1.0 | ----- | 6.5±1.0 | ----- | 6.5±1.0 | ----- | 0.8±0.05 |
| 3W | 22.0±1.5 | 20.0±1.5 | 8.0±1.0 | 6.5±1.0 | 8.0±1.0 | 6.5±1.0 | 0.8±0.05 |
| 5W | 22.0±1.5 | 22.0±1.5 | 9.5±1.0 | 8.0±1.0 | 9.0±1.0 | 8.0±1.0 | 0.8±0.05 |
| 5WA | 25.0±1.5 | ----- | 6.5±1.0 | ----- | 6.5±1.0 | ----- | 0.8±0.05 |
| 7W | 35.0±1.5 | 25.0±1.5 | 9.5±1.0 | 6.5±1.0 | 9.0±1.0 | 6.5±1.0 | 0.8±0.05 |
| 10W | 48.0±1.5 | 35.0±1.5 | 9.5±1.0 | 9.5±1.0 | 9.0±1.0 | 9.0±1.0 | 0.8±0.05 |
| 15W | 48.0±1.5 | 48.0±1.5 | 12.5±1.5 | 9.5±1.0 | 12.5±1.5 | 9.0±1.0 | 1.0±0.05 |
| 20W | 60.0±1.5 | 60.0±1.5 | 14.0±1.5 | 12.5±1.5 | 14.0±1.5 | 12.5±1.5 | 1.0±0.05 |
| 25WA | 60.0±1.5 | 60.0±1.5 | 14.0±1.5 | 12.5±1.5 | 14.0±1.5 | 12.5±1.5 | 1.0±0.05 |

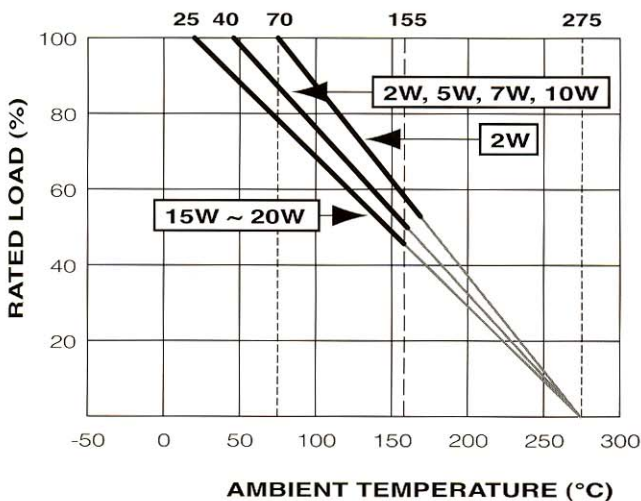
ELECTRICAL CHARACTERISTICS:

| Style | Power Rating 70°C | SQP-L-2W | SQP-L-3W | SQP-L-5W | SQP-L-7W | SQP-L-10W | SQP-L-20W |
|--------------------------------------|-------------------|----------------|-----------|-----------|-------------|------------|------------|
| | | SQP-L-3WS | SQP-L-5WS | SQP-L-7WS | SQP-L-10WS | SQP-L-15WS | SQP-L-25WS |
| Operating Temp. Range | | -55°C ~ +155°C | | | | | |
| Max. Working Voltage | | 250V | 350V | 350V | 500V | 500V | 500V |
| Max. Overload Voltage | | 500V | 700V | 700V | 1000V | 1000V | 1000V |
| Dielectric Withstanding Voltage (AC) | | 500V | 700V | 700V | 1000V | 1000V | 1000V |
| Value Range ±5% (Ceramic core) | | 0.1Ω ~ 100Ω | | | 0.5Ω ~ 220Ω | 1Ω ~ 270Ω | |
| Value Range ±5% (Metal Oxide Film) | | 110Ω ~ 100K | | | 240Ω ~ 10K | 300Ω ~ 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 50Ω only.

DERATING CURVE



TEMPERATURE RISE

