

# 5W & 10W SILICONE COATED WIREWOUND

## Features:

- High Temperature Silicone Coating

## 5 WATT

| Value in Ohms | NTE Stock Number | Value in Ohms | NTE Stock Number | Value in Ohms | NTE Stock Number | Value in Ohms | NTE Stock Number | Value in Ohms | NTE Stock Number |
|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|
| 0.10          | 5WRD10           | 4.0           | 5WR4D0           | 25            | 5WR025           | 270           | 5WR127           | 4.7K          | 5WR247           |
| 0.25          | 5WRD25           | 5.0           | 5WR5D0           | 30            | 5WR030           | 1.1K          | 5WR211           | 5.0K          | 5WR250           |
| 0.50          | 5WRD50           | 7.5           | 5WR7D5           | 40            | 5WR040           | 2.2K          | 5WR222           | 6.0K          | 5WR260           |
| 1.0           | 5WR1D0           | 10            | 5WR010           | 50            | 5WR050           | 2.7K          | 5WR227           | 10K           | 5WR310           |
| 1.5           | 5WR1D5           | 18            | 5WR018           | 100           | 5WR110           | 3.5K          | 5WR235           | 12.5K         | 5WR2125          |
| 2.0           | 5WR2D0           | 22            | 5WR022           | 150           | 5WR115           | 4.0K          | 5WR240           | 20K           | 5WR320           |

## SPECIFICATIONS

### Electrical Characteristics @ 25°C

| NTE Number       | Resistance Range (Ohms) | Tolerance (%) | Voltage (Volts)        | Operating Temperature (T <sub>opr</sub> ) | Temperature Coefficient (PPM/°C) |
|------------------|-------------------------|---------------|------------------------|---|----------------------------------|
| 5WRD10 to 5WRD50 | 0.10 to 0.50            | 5             | (P x R) <sup>1/2</sup> | -65° to +250°C                            | ±90                              |
| 5WR1D0 to 5WR7D5 | 1.0 to 7.5              | 5             | (P x R) <sup>1/2</sup> | -65° to +250°C                            | ±50                              |
| 5WR010 to 5WR320 | 10 to 20K               | 5             | (P x R) <sup>1/2</sup> | -65° to +250°C                            | ±30                              |

### Mechanical\* (Typical, inches/mm)

| NTE Number       | Body Length (L)  | Body Diameter (D) | Lead Diameter (d) | Lead Length (LL) |
|------------------|------------------|-------------------|-------------------|------------------|
| 5WRD10 to 5WR320 | 1.000 (25.4) Max | 0.312 (7.92) Min  | 0.040 (1.0) Min   | 1.500 (38.0) Min |

\* These dimensions are for reference only, please consult the factory for actual size.

## 10 WATT

| Value in Ohms | NTE Stock Number | Value in Ohms | NTE Stock Number | Value in Ohms | NTE Stock Number | Value in Ohms | NTE Stock Number | Value in Ohms | NTE Stock Number |
|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|---------------|------------------|
| 0.10          | 10WRD10          | 3.0           | 10WR3D0          | 50            | 10WR050          | 250           | 10WR125          | 2.5K          | 10WR225          |
| 0.50          | 10WRD50          | 10            | 10WR010          | 100           | 10WR110          | 500           | 10WR150          | 5K            | 10WR250          |
| 0.75          | 10WRD75          | 25            | 10WR025          | 200           | 10WR120          | 1K            | 10WR210          | 10K           | 10WR310          |
| 1.0           | 10WR1D0          |               |                  |               |                  |               |                  |               |                  |

## SPECIFICATIONS

### Electrical Characteristics @ 25°C

| NTE Number         | Resistance Range (Ohms) | Tolerance (%) | Voltage (Volts)        | Operating Temperature (T <sub>opr</sub> ) | Temperature Coefficient (PPM/°C) |
|--------------------|-------------------------|---------------|------------------------|---|----------------------------------|
| 10WRD10 to 10WRD75 | 0.10 to 0.75            | 5             | (P x R) <sup>1/2</sup> | -65° to +250°C                            | ±90                              |
| 10WR1D0 to 10WR3D0 | 1.0 to 3.0              | 5             | (P x R) <sup>1/2</sup> | -65° to +250°C                            | ±50                              |
| 10WR010 to 10WR310 | 10 to 10K               | 5             | (P x R) <sup>1/2</sup> | -65° to +250°C                            | ±30                              |

### Mechanical\* (Typical, inches/mm)

| NTE Number         | Body Length (L)   | Body Diameter (D) | Lead Diameter (d) | Lead Length (LL) |
|--------------------|-------------------|-------------------|-------------------|------------------|
| 10WRD10 to 10WR310 | 1.875 (47.62) Max | 0.375 (9.52) Min  | 0.040 (1.0) Min   | 1.500 (38.0) Typ |

\* These dimensions are for reference only, please consult the factory for actual size.

