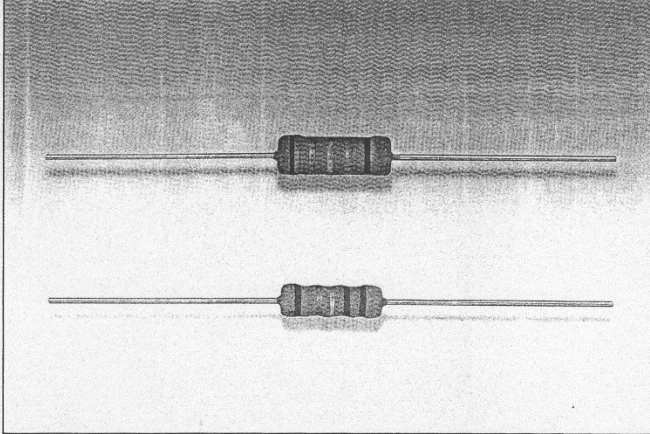




TECH-MEN ELECTRONICS COMPONENTS

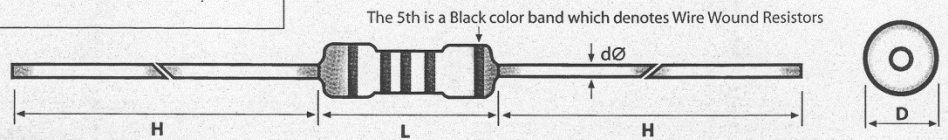
Supply * Sub Assemblies * Taping/ Forming Components
Co. Reg. No: 45730100K

Wire Wound Resistor



FEATURES:

- ❖ The resistor is fabricated using a suitable ceramic core with the resistance wire securely crimped to the terminals.
- ❖ Exceptionally small, sturdy and mechanical safe.
- ❖ Electrical and mechanical stability and high reliability.
- ❖ Ability to withstand rigorous load test.
- ❖ Standard tolerance: 5%.
- ❖ Variety of packaging-bulk, tape on reel, cut and formed and radial tape/panasert.
- ❖ Lead free and RoHS compliant part.



WIRE WOUND RESISTORS

| RATED POWER | FINISHED DIMENSION (MM) | | | | RES. VALUES RANGES (ohm) |
|-------------|-------------------------|---------|----------|----------|--------------------------|
| | D ± 0.5 | L ± 0.5 | H ± 2.00 | d ± 0.05 | |
| 1W / 2WS | 4.20 | 11.20 | 34.80 | 0.78 | 0.01 ~ 100 |
| 2W / 3WS | 5.00 | 15.20 | 33.80 | 0.78 | 0.01 ~ 120 |
| 3W | 6.0 | 17 | 38 | 0.78 | 0.02 ~ 680 |
| 4W | 6.0 | 17 | 38 | 0.78 | 0.02 ~ 680 |
| 5W | 8.0 | 24 | 38 | 0.78 | 0.1 ~ 2K7 |
| 6W | 8.0 | 24 | 38 | 0.78 | 0.1 ~ 2K7 |
| 7W | 8.0 | 40 | 38 | 0.78 | 0.1 ~ 4K7 |
| 8W | 8.0 | 40 | 38 | 0.78 | 0.1 ~ 4K7 |
| 10W | 8.0 | 52 | 38 | 0.78 | 0.1 ~ 6K8 |

*Non-Inductive type up to 50Ω only.

PERFORMANCE CHARACTERISTICS

| | |
|---------------------------------|----------------------------------|
| TEMPERATURE COEFFICIENT | ± 260 PPM/°C |
| INSULATION RESISTANCE | >100M Ω |
| LOAD LIFE (1,000 hours) | ± (5% + 0.05Ω) |
| SHORT TIME OVERLOAD | ± (2% + 0.05Ω) |
| DIELECTRIC WITHSTANDING VOLTAGE | ± (2% + 0.05Ω) |
| MOISTURE RESISTANCE | ± (5% + 0.05Ω) |
| SHOCK AND VIBRATION | ± (1% + 0.05Ω) |
| EFFECT OF SOLDERING | ± (2% + 0.05Ω) |
| INCOMBUSTIBILITY | 1 ~ 16 Times E = √P x R , 5 min. |

*Rated continuous Working Voltage (RCWW) = √(power rating x resistance value)

