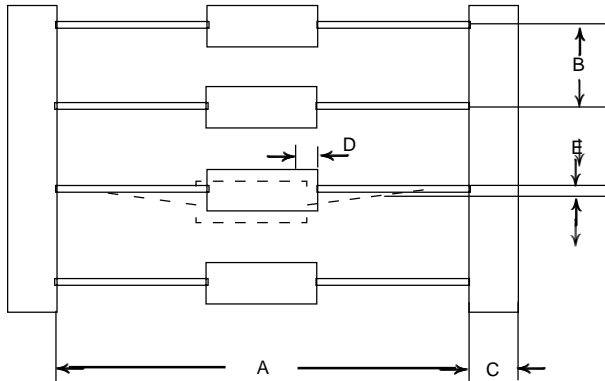


Resistor Taping Specifications & Mechanical Characteristics

LEADED

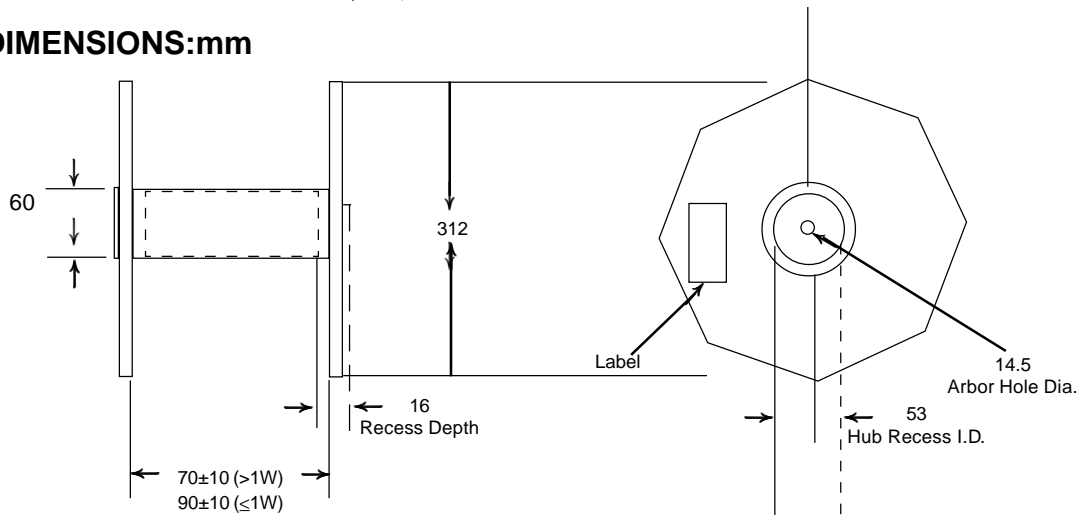
TAPE DIMENSIONS



DIMENSIONS:mm

Power Rating (Wattage)	A	B	W Max.	C ± 1	D Max.	E Max.
1/8W	52 ± 1	5 ± 0.5	75	6	0.6	1.2
1/4W	52 ± 1	5 ± 0.5	75	6	0.6	1.2
1/2W	52 ± 1	5 ± 0.5	75	6	0.6	1.2
1W	63 ± 1	5 ± 0.5	80	6	0.6	1.2
2W	63 ± 1	10 ± 1	80	6	0.6	1.2

REEL DIMENSIONS:mm



MECHANICAL CHARACTERISTICS

LEAD PULL TEST

The lead wire shall withstand steady pull of the following weight axially to the lead wire for the minimum period of 10 seconds without any breakage or damage:

Nom. Lead Diameter	0.4Ømm	0.5Ømm	0.6Ømm	0.7Ømm	0.8Ømm & over
Steady Weight	1.0Kgs.	1.0Kgs.	1.5Kgs.	2.0Kgs.	2.5Kgs.

LEAD BEND TEST

The lead wire shall withstand minimum 4 bends of 90° rotation without any breakage or damage, when the resistor is placed in a vertical position and is applied with a weight of 0.5Kgs for 0.4 - 0.5mm or 1.1Kgs for 0.6mm and over lead wire.

SOLDERABILITY

The lead wire is immersed into 10% methanol or isopropyl alcohol of rosin by weight for a period of 2 ± 0.5 seconds. Then, it shall be dipped into molten solder (60% Sn & 40% Pb) melted at $230 \pm 5^\circ\text{C}$ for a period of 5 ± 1 seconds approximately 1.5mm from the body of the resistor. A new adhering coating of solder shall cover minimum 95% of the surface being dipped into solder.

RESISTANCE TO CLEANING SOLVENTS

Color coating or marking shall remain legible after cleaning by solvents such as isopropyl alcohol, trichloroethylene, freon® TF/TAX, xylene etc., in form of liquid or gas.

