



AX Precision wire wond Resistor [Preliminary]

Hi Ultra precision type is available. Molded construction gives complete environment protection.
Very Low T.C.R and Good long term stability
Strongly resistant moisture and solvent



■ GENERAL SPECIFICATION

Model	Power Rating [W]	Resistance Range[Ω]	Resistance Tolerance[%]	TCR[ppm/℃] [20 to 125℃]	Operating Temp. Range
AX15L	1W	1~400kΩ	±0.1% (B) ±0.05% (A) ±0.01% (T)	1~19.9Ω ±15ppm/℃ 20Ω~ ±10ppm/℃	-55℃~+135℃

■ CHARACTERISTICS

Temperature Range		-55~+135℃
Insulation Resistance		1000mΩ minimum
Dielectric Withstanding Voltage	±(0.1%+0.05Ω)	AC 1000V 1min ; Max leakage current 2mA
Short Time Overload	±(0.1%+0.05Ω)	Watt Rate x 2, 10min
Load Life	±0.1%	70℃ 2000hours
Moisture Resistance	±(0.1%+0.06Ω)	MIL-STD-202
Temperature Cycling	±(0.1%+0.05Ω)	-30℃(30min), 25℃(15min), 100℃(15min)

■ DIMENSIONS[mm]

Model	L1±0.2	L2±5	D±0.2	d±0.02
AX15L	15	65	7	0.8

■ MARKING EXAMPLE

AX15L ← Model
100Ω B
↑ Resistance
↑ Tolerance