

AchrOhmiC RESISTORS

- **GENERAL INFORMATION**

Type : AchrOhmiC, Non Inductive.
Dielectric : Ceramic Core.
Construction : NiCr on Ceramic Core.
Coating : Silicone.
Contact : Non-Inductive Type.
Leads : Tinned Pure Copper. (Soldered)

- **TECHNICAL DATA**

Resistance Range/Tolerance : 1.0 ...82 E 48 series, $\pm 2\%$.
Low Inductance : .05uH compared with .8uH for ceramic wire wound.
Insulation Resistance : greater than 10,000 MegOhms @ 20 °C.
Temperature Range : -55 °C to +185 °C.
Temperature Coefficient : ± 100 ppm/ °C.
Max. Working Voltage : 1000 Vac for 1 min.
Incombustibility : 112 W for 5 min., no flame.
Short Term Over Load : $\pm 0.5\%$ 112 W for 5 sec.
Rated Load : $\pm 1\%$ 16 W for 30 min.
Load Life : $\pm 2\%$ 70 °C on-off cycle 1000 hrs.
Moisture Resistance : $\pm 2\%$ 0 °C 95 % Relative Humidity on-off cycle 1,000 hrs.
Leads Diameter : 0.8 mm .

- **FEATURE**

MIL-R-26/39007.
Maximum Signal Precision and Dynamic.
Resistant to Humidity and Shock.
Excellent High Temperature Stability .
High Overload Capacity.
Excellent Long Term Electrical and Mechanical Reliability.

- **ELECTRICAL PERFORMANCE**

Non-Inductive.
Very Low Noise Figure.
Very Small Linear Temperature Coefficient.

AOC Dimensions (mm)

P/N	Resistance/Watt	D x L
AOC1600G1R0	1.0 Ohms 16 W	9 x 55
AOC1600G1R1	1.1 Ohms 16 W	9 x 55
AOC1600G1R2	1.2 Ohms 16 W	9 x 55
AOC1600G1R3	1.3 Ohms 16 W	9 x 55
AOC1600G1R5	1.5 Ohms 16 W	9 x 55
AOC1600G1R6	1.6 Ohms 16 W	9 x 55
AOC1600G1R8	1.8 Ohms 16 W	9 x 55
AOC1600G2R0	2.0 Ohms 16 W	9 x 55
AOC1600G2R2	2.2 Ohms 16 W	9 x 55
AOC1600G2R4	2.4 Ohms 16 W	9 x 55
AOC1600G2R7	2.7 Ohms 16 W	9 x 55
AOC1600G3R0	3.0 Ohms 16 W	9 x 55
AOC1600G3R3	3.3 Ohms 16 W	9 x 55
AOC1600G3R6	3.6 Ohms 16 W	9 x 55
AOC1600G3R9	3.9 Ohms 16 W	9 x 55
AOC1600G4R3	4.3 Ohms 16 W	9 x 55
AOC1600G4R7	4.7 Ohms 16 W	9 x 55
AOC1600G5R1	5.1 Ohms 16 W	9 x 55
AOC1600G5R6	5.6 Ohms 16 W	9 x 55
AOC1600G6R2	6.2 Ohms 16 W	9 x 55
AOC1600G6R8	6.8 Ohms 16 W	9 x 55
AOC1600G7R5	7.5 Ohms 16 W	9 x 55
AOC1600G8R2	8.2 Ohms 16 W	9 x 55
AOC1600G9R1	9.1 Ohms 16 W	9 x 55
AOC1600G10R	10 Ohms 16 W	9 x 55
AOC1600G11R	11 Ohms 16 W	9 x 55
AOC1600G12R	12 Ohms 16 W	9 x 55
AOC1600G13R	13 Ohms 16 W	9 x 55
AOC1600G15R	15 Ohms 16 W	9 x 55
AOC1600G16R	16 Ohms 16 W	9 x 55
AOC1600G18R	18 Ohms 16 W	9 x 55
AOC1600G20R	20 Ohms 16 W	9 x 55
AOC1600G22R	22 Ohms 16 W	9 x 55
AOC1600G24R	24 Ohms 16 W	9 x 55
AOC1600G27R	27 Ohms 16 W	9 x 55
AOC1600G30R	30 Ohms 16 W	9 x 55
AOC1600G33R	33 Ohms 16 W	9 x 55
AOC1600G36R	36 Ohms 16 W	9 x 55
AOC1600G39R	39 Ohms 16 W	9 x 55
AOC1600G47R	47 Ohms 16 W	9 x 55
AOC1600G51R	51 Ohms 16 W	9 x 55
AOC1600G62R	62 Ohms 16 W	9 x 55
AOC1600G82R	82 Ohms 16 W	9 x 55