

# LYNK METAL OXIDE RESISTORS

- **GENERAL INFORMATION**

Type : **LYNK** Metal Oxide, Non Inductive.  
Dielectric : Ceramic Core.  
Construction : Metal Oxide on Ceramic Core.  
Coating : Ceramic Casing.  
Contact : Non-Inductive Type.  
Leads : Tinned Pure Copper.

- **TECHNICAL DATA**

Resistance Range/Tolerance : 1.0 ...10 E 24 series,  $\pm 5\%$ , 10 ... 47 E 12 series,  $\pm 5\%$ .  
Low Inductance : .1uH compared with .8uH for ceramic wire wound.  
Insulation Resistance : greater than 10,000 MegOhms @ 20 °C.  
Temperature Range : -55 °C to +155 °C.  
Temperature Coefficient :  $\pm 100$  ppm/ °C.  
Max. Working Voltage : 750 Vac for 1 min.  
Incombustibility : 70 W for 5 min., no flame.  
Short Term Over Load :  $\pm 0.5\%$  70 W for 5 sec.  
Rated Load :  $\pm 1\%$  10 W for 30 min.  
Load Life :  $\pm 3\%$  70 °C on-off cycle 1000 hrs.  
Moisture Resistance :  $\pm 5\%$  0 °C 95 % Relative Humidity on-off cycle 1,000 hrs.  
Leads Diameter : 0.8 mm .

- **FEATURE**

Small Dimensions.  
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.

MOR Dimensions (mm)

P/N	Resistance/Watt	D x L
MO1000J1R0	1.0 Ohms 10 W	9 x 52
MO1000J1R1	1.1 Ohms 10 W	9 x 52
MO1000J1R2	1.2 Ohms 10 W	9 x 52
MO1000J1R3	1.3 Ohms 10 W	9 x 52
MO1000J1R5	1.5 Ohms 10 W	9 x 52
MO1000J1R6	1.6 Ohms 10 W	9 x 52
MO1000J1R8	1.8 Ohms 10 W	9 x 52
MO1000J2R0	2.0 Ohms 10 W	9 x 52
MO1000J2R2	2.2 Ohms 10 W	9 x 52
MO1000J2R4	2.4 Ohms 10 W	9 x 52
MO1000J2R7	2.7 Ohms 10 W	9 x 52
MO1000J3R0	3.0 Ohms 10 W	9 x 52
MO1000J3R3	3.3 Ohms 10 W	9 x 52
MO1000J3R6	3.6 Ohms 10 W	9 x 52
MO1000J3R9	3.9 Ohms 10 W	9 x 52
MO1000J4R3	4.3 Ohms 10 W	9 x 52
MO1000J4R7	4.7 Ohms 10 W	9 x 52
MO1000J5R1	5.1 Ohms 10 W	9 x 52
MO1000J5R6	5.6 Ohms 10 W	9 x 52
MO1000J6R2	6.2 Ohms 10 W	9 x 52
MO1000J6R8	6.8 Ohms 10 W	9 x 52
MO1000J7R5	7.5 Ohms 10 W	9 x 52
MO1000J8R2	8.2 Ohms 10 W	9 x 52
MO1000J9R1	9.1 Ohms 10 W	9 x 52
MO1000J10R	10 Ohms 10 W	9 x 52
MO1000J11R	11 Ohms 10 W	9 x 52
MO1000J12R	12 Ohms 10 W	9 x 52
MO1000J13R	13 Ohms 10 W	9 x 52
MO1000J15R	15 Ohms 10 W	9 x 52
MO1000J16R	16 Ohms 10 W	9 x 52
MO1000J18R	18 Ohms 10 W	9 x 52
MO1000J20R	20 Ohms 10 W	9 x 52
MO1000J22R	22 Ohms 10 W	9 x 52
MO1000J24R	24 Ohms 10 W	9 x 52
MO1000J27R	27 Ohms 10 W	9 x 52
MO1000J30R	30 Ohms 10 W	9 x 52
MO1000J33R	33 Ohms 10 W	9 x 52
MO1000J39R	39 Ohms 10 W	9 x 52
MO1000J47R	47 Ohms 10 W	9 x 52

