Power-Mox Resistors

Precision Power Thick Film High Voltage/High Resistance

Resistance

Range (Ohms)

1K to 800,000M

1.5K to 1,000,000M

2K to 1,000,000M

3K to 1,000,000M

Tubular Resistors

Ohmite

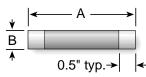
Series

MOX-F

MOX-G

MOX-H

MOX-J



Voltage

Rating

20KV

30KV

45KV

60KV

Power

@25°C

25W

40W

50W

75W

Available

Tolerances

0.5, 1, 2, 5

0.5, 1, 2, 5

0.5, 1, 2, 5

0.5, 1, 2, 5

Α

 ± 0.05

3.0" / 76.2

4.5" / 114.3

6.0" / 152.4

8.0" / 203.2

Th schemes.

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High voltage ratings, low volt-
age coefficients, very high
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divider options are characteris-
tic. Terminations can be select-
ed to adapt to most mounting

В

Max

0.770" / 19.56

0.770" / 19.56

0.770" / 19.56

0.770" / 19.56

FEATURES

- Wide resistance ranges
- · Outstanding voltage coefficient
- 0.4" diameter ferrule, 0.25"-20 threaded end cap, or radial bands available
- Metal oxide resistive elements

APPLICATIONS

- Power Transmitters
- Pollution Control Systems
- Industrial Control Systems
- · Current pulse limiters
- Vacuum and space application

SPECIFICATIONS

Material Core: Ceramic. Coating: Varnish

Electrical Resistance Range: 20K to 1,000,000M Power Rating: to 75W Voltage Rating: to 60KV **Operating Temperature:**

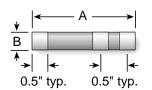
-65°C to +180°C

ORDERING INFORMATION							
M O Power Mox Series	Style F, G, H, J X - J - 0 4 1 Lead 01 = Silver termination only 02 = Radial band 03 = 0.4" Ferrule 04 = 1/4 X 20 threaded Ferrule cap	Ohms First 3 digits are significant; 4th digit is multiplier (# of zeroes to follow). Examples: 10R2 = 10.2 ohms 1000 = 100 ohms 1503 = 150.000 ohms	Tolerance D = 0.5% F = 1% G = 2% J = 5% K = 10% M = 15% P = 20%				

Some tolerances are not available over the entire resistance range.

Power-Mox Resistor Dividers

Precision Power Thick Film High Voltage/High Resistance **Tubular Dividers**

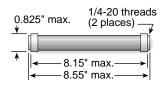


"Power-Mox RD" Series with silver terminations

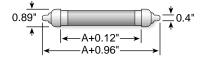
Ohmite Series	Resistance Range (Ohms)	Power @25°C	Voltage Rating	Maximum Ratio	Ratio Tolerances
MOX-FRD	20K to 2,500M	15W	15KV	5,000:1	1, 2, 5%
MOX-GRD	20K to 4,000M	30W	25KV	5,000:1	1, 2, 5%
MOX-HRD	20K to 6,000M	40W	35KV	5,000:1	1, 2, 5%
MOX-JRD	20K to 6,000M	60W	50KV	5,000:1	1, 2, 5%

POWER-MOX DRAWINGS WITH ALTERNATE HARDWARE FOR MOUNTING

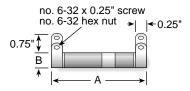
"Power-Mox" Series with 1/4 - 20 threaded end caps



"Power-Mox" Series with Ferrule end caps



"Power-Mox" Series with radial band option



To specify Power-Mox Dividers, please see our website at: www.ohmite.com/dividers