

# Slim-Mox Divider

## Precision Thick Film Voltage



Multiple taps are provided on the Slim-Mox RD for use in advanced circuit designs. Tight ratio tolerances make these resistors ideal for precision applications requiring consistent performance.

### FEATURES

- Custom configurations are available. Contact Ohmite with your specifications
- RoHS compliant

### SERIES SPECIFICATIONS

| Ohmite Series | Power @25°C | Operating Voltage |
|---------------|-------------|-------------------|
| SLIM-MOX103RD | 0.75W       | 5.0KV             |
| SLIM-MOX104RD | 1.00W       | 10.0KV            |
| SLIM-MOX106RD | 1.50W       | 12.0KV            |
| SLIM-MOX108RD | 2.00W       | 15.0KV            |
| SLIM-MOX204RD | 1.50W       | 10.0KV            |
| SLIM-MOX206RD | 2.00W       | 12.0KV            |
| SLIM-MOX208RD | 2.50W       | 20.0KV            |
| SLIM-MOX210RD | 3.00W       | 25.0KV            |
| SLIM-MOX306RD | 3.00W       | 12.0KV            |
| SLIM-MOX308RD | 3.50W       | 20.0KV            |
| SLIM-MOX310RD | 4.00W       | 25.0KV            |
| SLIM-MOX408RD | 4.50W       | 20.0KV            |
| SLIM-MOX410RD | 5.00W       | 25.0KV            |

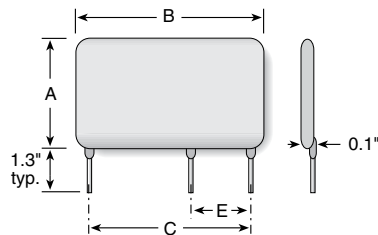
Contact Ohmite for custom configurations.

### CHARACTERISTICS

|   |   |
|---|---|
| <b>Resistance range</b>                 | 1M to 5,000M ohms   |
| <b>Max. Ratio</b>                       | 5000 : 1<br>A complete description of the SLIM-MOX Divider is required. EXAMPLE:<br>R <sub>T</sub> = 500MΩ 5%<br>R <sub>1</sub> = 499.5MΩ 5%<br>R <sub>2</sub> = 500KΩ 1%<br>Ratio = R <sub>T</sub> / R <sub>2</sub> = 1,000: 1, 1%<br>To specify Slim-Mox Dividers, please see our website at:<br><a href="http://www.ohmite.com/dividers">www.ohmite.com/dividers</a> |
| <b>Resistor element</b>                 | Thick film on Alumina   |
| <b>Ratio tolerances</b>                 | 0.5% to 5%  |
| <b>Temperature Coefficient Tracking</b> | TCR tracking to 10ppm and VCR tracking to 1ppm  |

### DIMENSIONS

in. ±.025 /mm



| Series        | C             | E             |
|---------------|---------------|---------------|
| SLIM-MOX103RD | 0.60" / 15.24 | 0.20" / 5.08  |
| SLIM-MOX104RD | 0.90" / 22.86 | 0.20" / 5.08  |
| SLIM-MOX106RD | 1.40" / 35.56 | 0.20" / 5.08  |
| SLIM-MOX108RD | 1.90" / 48.26 | 0.60" / 15.24 |
| SLIM-MOX204RD | 0.90" / 22.86 | 0.20" / 5.08  |
| SLIM-MOX206RD | 1.40" / 35.56 | 0.20" / 5.08  |
| SLIM-MOX208RD | 1.90" / 48.26 | 0.40" / 10.16 |
| SLIM-MOX210RD | 2.40" / 60.96 | 0.20" / 5.08  |
| SLIM-MOX306RD | 1.40" / 35.56 | 0.30" / 7.62  |
| SLIM-MOX308RD | 1.90" / 48.26 | 0.30" / 7.62  |
| SLIM-MOX310RD | 2.40" / 60.96 | 0.20" / 5.08  |
| SLIM-MOX408RD | 1.90" / 48.26 | 0.30" / 7.62  |
| SLIM-MOX410RD | 2.40" / 60.96 | 0.20" / 5.08  |