



## New ERZ-E7 Series

Radial Leaded Disc ZNR® Transient / Surge Absorber (MOV)



### Performance of a 10mm Device in a 7mm Size for Drop-In Replacement!

Panasonic, a worldwide leader in Circuit Protection Products, is pleased to introduce the **NEW ERZ-E7 Series Radial Leaded Disc ZNR® Transient/Surge Absorbers** to our already outstanding ZNR® product line. ZNR® stands for **Z**inc-oxide **N**on-linear **R**esistor, also commonly known as Metal Oxide Varistor or MOV. Panasonic invented the ZNR® Surge Absorber in 1968 and is a pioneer in the use of Zinc Oxide as a Surge Absorber. ZNR® devices are used to protect electronic equipment against voltage surges and save board space and cost. The **NEW ERZ-E7 Series** offers a finer, more uniform grain structure which facilitates enhanced performance while allowing for size reduction. Offering voltages ranging from 200 to 620V, the **ERZ-E7 Series** has the performance of a conventional 10mm diameter device in a 7mm diameter size, all with the same lead spacing for a true drop-in 10mm replacement.

#### Features

- Voltage Range: 200 to 620V
- Smaller 7mm Diameter than the 10mm ER-ZV10Dxxx
- Same Lead Spacing of ER-ZV10Dxxx
- Same Electrical Performance
- Agency Recognition (UL/VDE)
- RoHS Compliant

#### Benefits

- Save PCB Space
- More Affordable than 10mm Alternatives
- Facilitates Agency Equipment Approval
- Drop-in 10mm Replacement

#### Industries

- Industrial Machinery
- Test and Measurement
- Control Systems
- Communications
- Consumer Electronics

#### Applications

- Power Supply Input Protection
- Relay Protection
- Solenoid Valve Protection
- Semiconductor Protection

#### Part Number Information



Symbol	Lead Configuration	Packaging
A	Straight	Bulk
B	Crimped Lead	Bulk
E	Straight	Taped
F	Crimped Lead	Taped

The first two digits are significant figures and the third one denotes the number of zeros following.

#### Additional Information

For detailed specification information on the **ERZ-E7 Series** Radial Leaded Disc ZNR® Transient / Surge Absorber, visit our website at:

[www.panasonic.com/industrial/electronic-components/protection/](http://www.panasonic.com/industrial/electronic-components/protection/)