



# TX221Z, TX221ZS\*

## A Precision Power Resistor In TO220 Configuration For Current Sense Applications

### FEATURES

TX221Z Power Resistors are manufactured using "Z" Bulk Metal® Foil.

Power: 8 watts, or 3 amps, chassis mounted (6x4x2 heat sink)  
1.5 watts or 3 amps in free air @ 25°C

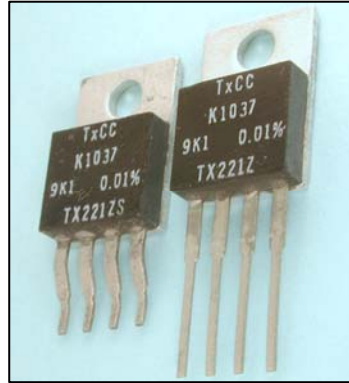
Load Life Stability: ± 0.015% maximum ΔR at rated power and temperature for 2000 hours

Operating temperature range: -55°C to +150°C

Non-Inductive

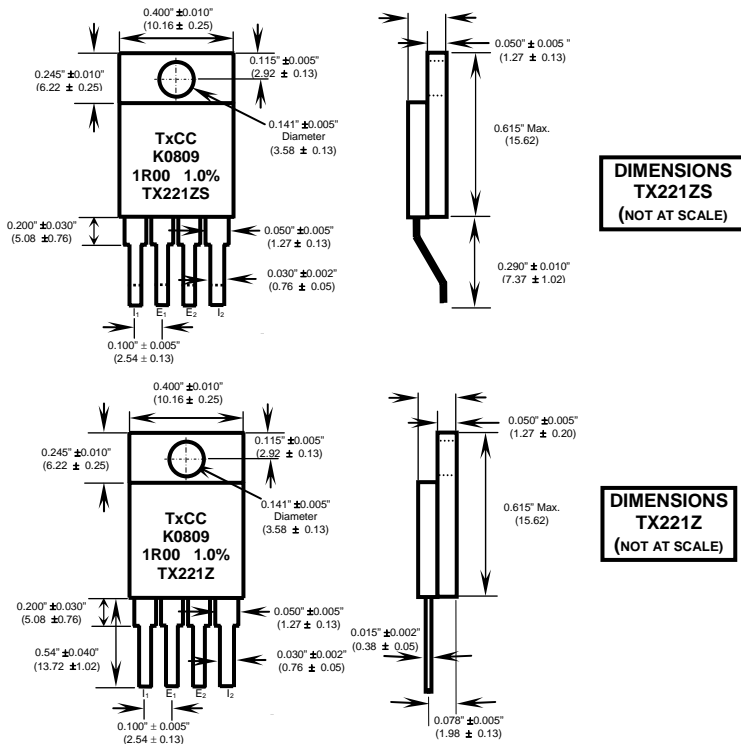
RoHS compliant termination available (TX221ZT and TX221ZST).

\* S = Surface Mount



RoHS COMPLIANT

Model	Resistance Range	Tolerances Available	Typical TCR and Maximum Spread (-55 °C to +125 °C)	Power Rating @ 25°C	Maximum Voltage
TX221Z or TX221ZS	0.5Ω to 1Ω 1Ω to 10Ω 10Ω to 500Ω	± 0.05% to 1.0% ± 0.02% to 1.0% ± 0.01% to 1.0%	± 0.2 ± 2.8 ppm/°C ± 0.2 ± 2.3 ppm/°C ± 0.2 ± 1.8 ppm/°C	8 watts chassis mounted 1.5 watts: free air  Limited to 3 Amperes	$\sqrt{P \times R}$  Up to 300 Volts



### POWER DERATING CURVE

