



TX220, TX220S*

A Precision Power Resistor In TO220 Configuration

FEATURES

Thermal EMF: 0.05µV /°C Typical.

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

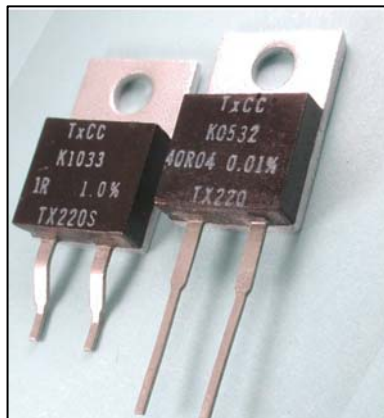
Load Life Stability: ± 0.05% maximum ΔR at rated power and temperature
for 2000 hours

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

Non-Inductive

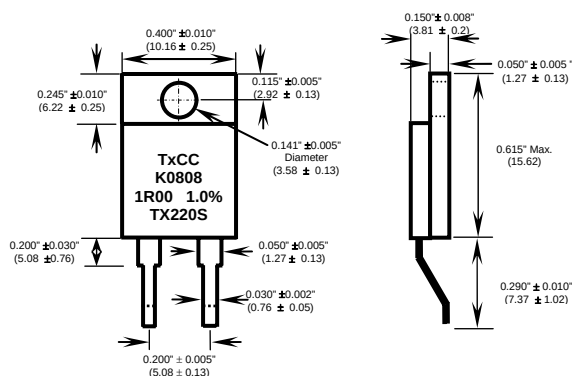
RoHS compliant termination available (TX220T and TX220ST)

* S = Surface Mount

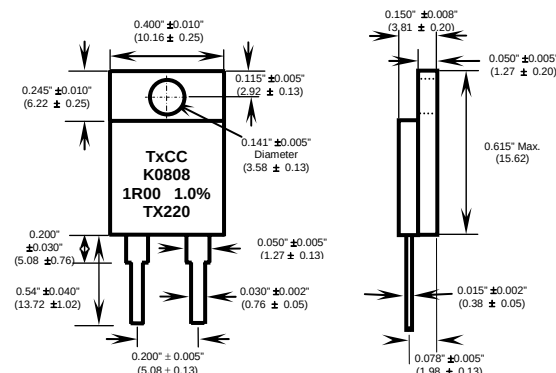


RoHS
COMPLIANT

Model	Resistance Range	Available Limit			Power Rating @25°C	Maximum Voltage
		Tolerances	Resistance Range	TCR Max.		
TX220 or TX220S	5Ω to 10KΩ	± 0.01% ± 0.02% ± 0.05% ± 0.1%	50Ω - 10KΩ 25Ω - 10KΩ 10Ω - 10KΩ 5Ω - 10KΩ	± 5ppm/°C ± 7ppm/°C ± 10ppm/°C ± 13ppm/°C	8 watts: chassis mounted 1.5 watts: free air Limited to 3 Amperes	$\sqrt{P \times R}$ Up to 300 V.

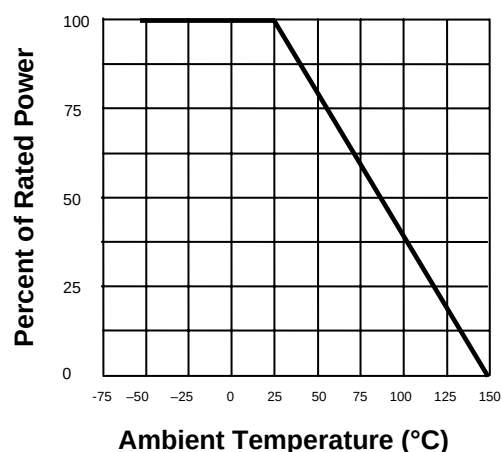


DIMENSIONS
TX220S
(NOT AT SCALE)



DIMENSIONS
TX220
(NOT AT SCALE)

POWER DERATING CURVE



Rev 12/14

Texas Components Corporation 1716 West Sam Houston Parkway North Houston, Texas 77043

Phone:(713)468-3882 Fax: (713)461-2098 www.texascomponents.com

Email: resistorinfo@texascomponents.com