

TYPE "TSS"

TEPRO



WIREWOUND TEMPERATURE SENSING RESISTORS

FEATURES:

- Miniature size
- Continuous full power operation
- Higher ambients
- High temperature silicone protected
- Shock and moisture resistant
- Higher stability

VARIATIONS:

- Special TC on request
- Lead length and diameter
- Tolerance to $\pm 0.1\%$
- Molded types available
- Noninductive (Ayrton-Perry) windings
- Lead material and finish
- Body and lead configurations
- Platinum resistive element

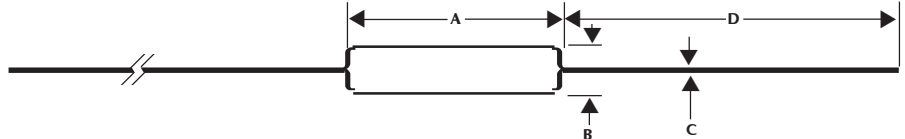
GENERAL

SPECIFICATIONS:

- Standard tolerances: ± 0.1 to 5%
- Dielectric strength: 1000 VAC
- Insulation resistance: 1000 megohms minimum
- Temperature coefficients: 4500ppm, 5500ppm
- Terminal strength: 5lb. pull test 1 watt and below, 10lb. pull test all others
- Standard terminals: Tinned copper weld, copper
- Core: Ceramic, steatite or alumina
- Winding: Special positive TC alloy resistance wire
- Sealant: High-temperature silicone

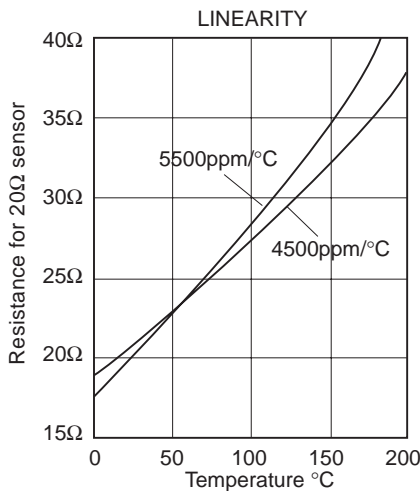


**TYPE "TSS"
SILICONE PROTECTED**



STANDARD CONFIGURATIONS AND ELECTRICAL SPECIFICATIONS:

TEPRO TYPE	POWER RATINGS (Watts)	RESISTANCE RANGE (Ohms)	DIMENSIONS: Inches			
			A MAX.	B $\pm .031$ ($\pm .787$)	C $\pm .002$ ($\pm .050$)	D MIN.
TSS .5	0.5	.05 - 1K	0.500 (12.700)	0.093 (2.360)	0.025 (0.635)	1.250 (31.750)
TSS 1	1.0	0.1 - 1K	0.530 (13.462)	0.160 (4.064)	0.032 (0.813)	1.250 (31.750)
TSS 2B	3.0	0.5 - 2K	0.625 (15.875)	0.187 (4.749)	0.032 (0.813)	1.250 (31.750)
TSS 3	3.0	0.5 - 3K	0.675 (17.145)	0.220 (5.600)	0.032 (0.813)	1.250 (31.750)
TSS 5	5.0	0.5 - 6K	1.020 (25.908)	0.312 (7.925)	0.040 (1.016)	1.250 (31.750)
TSS 7	7.0	0.5 - 16K	1.020 (25.908)	0.312 (7.925)	0.040 (1.016)	1.250 (31.750)
TSS 10	10.0	0.5 - 22K	1.870 (47.500)	0.375 (9.525)	0.040 (1.016)	1.250 (31.750)



HOW TO ORDER:

Sample Part No: TSS10 - 100Ω - 0.1% - 4500PPM - 1

Teepro Type _____

Resistance Value _____

Tolerance Range _____

$\pm 0.1\%$, $\pm 0.25\%$, $\pm 0.5\%$, $\pm 1\%$, $\pm 3\%$, $\pm 5\%$

Temperature Coefficient _____

(TCs as high as +5500ppm/°C)

Custom Modification Letter _____