

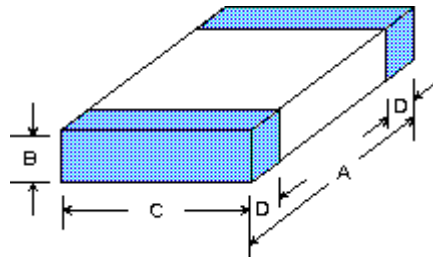
Linear PTC Surface Mount 4000-5000 TCR

Features

- Linear from -55 C to 125 C
- Thin Film 4000-5000 TCR
- PTC Thick Film on Alumina Substrate (100% Solid State)
- Nickel Barrier (Tin-Lead wrap around (3-sided) terminations)
- Tape & Reeling
- 1206, 0805, and 0603 Sizes
- 1%, 5% and 10% Tolerances

Applications

- Over temperature sensing
- Temperature compensation
- Temperature Measurement



0603 Size Electrical Specification Table

Part Number <i>(Note: Add -01 for 1% Tol.)</i>	Ω @ 25 °C +/- 10%	TCR PPM (-50 to +150C)	TCR PPM Tolerance	Dimensions in inches (millimeters)			
				A +/- 0.009" (0.23mm)	B +/- 0.006" (0.15mm)	C +/- 0.007" (0.18mm)	D +/- 0.010" (0.25mm)
WSTF06130	100	4000-5000	+/-100	0.060 (1.52)	0.020 (0.51)	0.030 (0.76)	0.012 (0.30)
WSTF06135	150	4000-5000	+/- 100	0.060 (1.52)	0.020 (0.51)	0.030 (0.76)	0.012 (0.30)
WSTF06140	180	4000-5000	+/-100	0.060 (1.52)	0.020 (0.51)	0.030 (0.76)	0.012 (0.30)

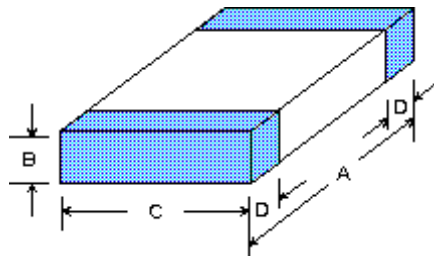
WSTF06145	220	4000-5000	+/- 100	0.060 (1.52)	0.020 (0.51)	0.030 (0.76)	0.012 (0.30)
WSTF06150	330	4000-5000	+/-100	0.060 (1.52)	0.020 (0.51)	0.030 (0.76)	0.012 (0.30)
WSTF06155	470	4000-5000	+/- 100	0.060 (1.52)	0.020 (0.51)	0.030 (0.76)	0.012 (0.30)
WSTF06160	560	4000-5000	+/-100	0.060 (1.52)	0.020 (0.51)	0.030 (0.76)	0.012 (0.30)
WSTF06165	680	4000-5000	+/- 100	0.060 (1.52)	0.020 (0.51)	0.030 (0.76)	0.012 (0.30)
WSTF06170	820	4000-5000	+/-100	0.060 (1.52)	0.020 (0.51)	0.030 (0.76)	0.012 (0.30)
WSTF06175	1000	4000-5000	+/- 100	0.060 (1.52)	0.020 (0.51)	0.030 (0.76)	0.012 (0.30)

Options

- Tape and Reeling
- Special Resistance Values
- 1%,5% Tolerance

Example of Option Request:

- To Add Tape And Reeling: Add **-TR** to Part Number (Ex: WSTF06205-**TR**)
- To Add 1% Tolerance: Add **-01** to Part Number (Ex: WSTF06205-**01**)
- To Add both Tape and Reeling and 1% Tolerance: (Ex: WSTF06205-**01TR**)



0805 Size Electrical Specification Table

Part Number (Note: Add -01 for 1% Tol.)	Ω @ 25 °C +/- 10%	TCR PPM (-50 to +150C)	TCR PPM Tolerance	Dimensions in inches (millimeters)			
				A +/- 0.009" (0.23mm)	B +/- 0.006" (0.15mm)	C +/- 0.007" (0.18mm)	D +/- 0.010" (0.25mm)
WSTF08525	100	4000-5000	+/- 100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08530	150	4000-5000	+/-100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08535	180	4000-5000	+/- 100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08540	220	4000-5000	+/-100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08545	330	4000-5000	+/- 100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08550	470	4000-5000	+/-100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08555	560	4000-5000	+/- 100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08560	680	4000-5000	+/-100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08565	820	4000-5000	+/- 100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08570	1000	4000-5000	+/-100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08575	2200	4000-5000	+/- 100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08580	3300	4000-5000	+/-100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)
WSTF08585	4700	4000-5000	+/-100	0.080 (2.03)	0.020 (0.51)	0.050 (1.27)	0.016 (0.41)

Options

- Tape and Reel
- Special Resistance Values
- 1%, 5% Tolerance

Example of Option Request:

- To Add Tape And Reeling: Add **-TR** to Part Number (Ex: WSTF08595-**TR**)
- To Add 1% Tolerance: Add **-01** to Part Number (Ex: WSTF08595-**01**)
- To Add both Tape and Reeling and 1% Tolerance: (Ex: WSTF08595-**01TR**)