



# Surface Mount Thin Film Resistors

## TNPW Series Specifications



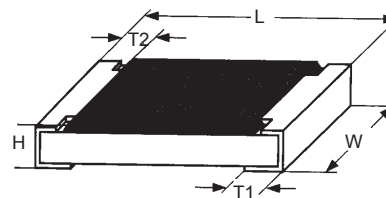
### Part Number Determination

TNPW12061002BT-9				
TNPW	1206	1002	B	T-9
SERIES	SIZE	RESISTANCE	TOLERANCE	TEMPERATURE COEFFICIENT
Thin Film, Rectangular Chip Resistor	0402 0603 0805 1206 1210 2010 2512	3 Significant digits + 1 multiplier	B=±0.1% C=±0.25% D=±0.5% F=±1%	T1=±100ppm/°C T2=±50ppm/°C T9=±25ppm/°C

TNPW12061K32BEEN					
TNPW	1206	1K32	B	E	EN
SERIES	SIZE	RESISTANCE	TOLERANCE	TEMPERATURE COEFFICIENT	LEAD FREE PACKAGING
Thin Film, Rectangular Chip Resistor	0402 0603 0805 1206 1210	4 digits R=decimal K=thousand M-million	B=±0.1% D=±0.5% F=±1%	H=±50ppm E=±25ppm X=±15ppm Y=±10ppm	EA=5K Paper Tape EC=20K Paper Tape ED=10K Paper Tape EF=4K Blister Tape EG=2K Blister Tape EN=1K Paper Tape EY=1K Blister Tape

### Package Dimensions (mm)

Series	L	W	H	T1	T2
TNPW0603	1.6±0.1	0.85±0.1	0.45±0.1	0.3±0.20	0.3±0.20
TNPW0805	2.0±0.2	1.24±0.2	0.4±0.1	0.4±0.25	0.4±0.25
TNPW1206	3.2±0.15	1.6±0.15	0.61±0.15	0.5±0.25	0.5±0.25



### Land Pattern (mm)

Case Size	a	b	l
0603 Reflow	0.5	0.9	1.0
0603 Wave	0.9	0.9	1.0
0805 Reflow	0.7	1.3	1.2
0805 Wave	0.9	1.3	1.3
1206 Reflow	0.9	1.7	2.0
1206 Wave	1.1	1.7	2.3

