

# VISHAY / DALE 0603, 0805, 1206 - 0.1% 25ppm Resistors

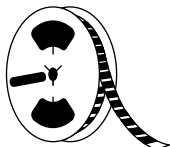
## TNPW SERIES - THIN FILM RECTANGULAR, RESISTOR CHIP

### Features:

- Metal film layer on high quality ceramic
- Protective top coat
- Excellent stability at different environmental conditions
- Low TC and tight tolerances

### Applications:

- Automotive
- Telecommunications
- Medical Equipment
- Industrial Equipment



Size		Power Rating P70°C (W)		Dimensions: mm						Size		Solder Pad Dimensions: mm				
Inch	Metric	EN 140401-801	EIA 575	L	W	H	T1	T2	Inch	Metric	Reflow Soldering			Wave Soldering		
0603	1608	0.100	0.063	1.6 ±.2	.81 ±.2	.4 ±.1	.3 ±.2	.3 ±.2	0603	1608	a	b	l	a	b	l
0805	2012	0.125	0.100	2 ±.2	1.24 ±.2	.4 ±.1	.4 ±.25	.4 ±.25	0805	2012	.7	1.3	1.2	.9	1.3	1.3
1206	3216	0.250	0.125	3.2 ±.15	1.6 ±.15	.61 ±.15	.5 ±.25	.5 ±.25	1206	3216	.9	1.7	2	1.1	1.7	2.3

### 1000 and 5K Piece Reels Available

Vishay Series	Size	Value Range	1K REEL OR CUT TAPE					5K REEL						
			MOUSER STOCK NO.			Price Each		MOUSER STOCK NO.			Price Each			
			Value	Suffix	1	100	1000	Value	Suffix	5,000	10,000	25,000		
TNPW	0603	10-200K	71-TNPW0603	Code	BEEN				71-TNPW0603	Code	BEEA			
TNPW	0805	10-105K	71-TNPW0805	Code	BEEN				71-TNPW0805	Code	BEEA			
TNPW	0805	110K-249K	71-TNPW0805	Code	BEEN				71-TNPW0805	Code	BEEA			
TNPW	1206	49.9-150K	71-TNPW1206	Code	BEEN				71-TNPW1206	Code	BEEA			
TNPW	1206	165K-1M	71-TNPW1206	Code	BEEN				71-TNPW1206	Code	BEEA			

## TABLE OF STOCKED VALUES

Value	Value Code *	Case Sizes			Value	Value Code *	Case Sizes			Value	Value Code *	Case Sizes			Value	Value Code *	Case Sizes		
		0603	0805	1206			0603	0805	1206			0603	0805	1206			0603	0805	1206
10	10R0	X	X		2.05K	2K05	X			9.09K	9K09	X	X	X	39.2K	39K2	X	X	X
47	47R0		X		2.1K	2K10		X		9.76K	9K76	X	X	X	40.2K	40K2	X	X	X
49.9	49R9	X	X	X	2.2K	2K20		X		10K	10K0	X	X	X	41.2K	41K2	X	X	X
51.1	51R1			X	2.21K	2K21	X	X	X	10.2K	10K2	X	X	X	44.2K	44K2	X	X	X
75	75R0	X	X	X	2.37K	2K37	X	X	X	10.5K	10K5	X	X	X	45.3K	45K3	X	X	X
100	100R	X	X	X	2.43K	2K43	X	X	X	11K	11K0	X	X	X	47K	47K0	X	X	X
121	121R	X	X	X	2.49K	2K49	X	X	X	12K	12K0	X	X	X	47.5K	47K5	X	X	X
124	124R	X	X	X	2.67K	2K67	X	X	X	12.1K	12K1	X	X	X	49.9K	49K9	X	X	X
150	150R	X	X	X	2.74K	2K74	X	X	X	12.4K	12K4	X	X	X	51.1K	51K1	X	X	X
200	200R	X	X	X	3.01K	3K01	X	X	X	12.7K	12K7	X	X	X	52.3K	52K3		X	
215	215R	X	X	X	3.09K	3K09	X	X	X	13K	13K0	X	X	X	56.2K	56K2	X	X	X
221	221R	X	X	X	3.16K	3K16	X	X	X	13.3K	13K3	X	X	X	57.6K	57K6	X	X	X
249	249R	X	X	X	3.2K	3K20		X		14K	14K0	X	X	X	59K	59K0		X	
274	274R	X	X	X	3.32K	3K32	X	X	X	14.3K	14K3	X	X	X	60.4K	60K4		X	
301	301R	X	X	X	3.4K	3K40	X	X	X	14.7K	14K7		X		64.9K	64K9	X	X	X
332	332R	X	X	X	3.48K	3K48	X	X	X	15K	15K0	X	X	X	66.5K	66K5	X	X	X
392	392R	X	X	X	3.57K	3K57	X	X	X	15.4K	15K4	X	X	X	68.1K	68K1	X	X	X
402	402R	X	X	X	3.74K	3K74	X	X	X	15.8K	15K8	X	X	X	71.5K	71K5	X	X	X
422	422R	X	X	X	3.92K	3K92	X	X	X	16.2K	16K2	X	X	X	75K	75K0	X	X	X
470	470R	X	X	X	4.02K	4K02	X	X	X	16.9K	16K9	X	X	X	76.8K	76K8	X	X	X
475	475R	X	X	X	4.12K	4K12	X	X	X	17.4K	17K4	X	X	X	80.6K	80K6	X	X	X
499	499R	X	X	X	4.22K	4K22	X	X	X	17.8K	17K8	X	X	X	82.5K	82K5	X	X	X
511	511R	X	X	X	4.42K	4K42	X	X	X	18.0K	18K0		X		90.9K	90K9	X	X	X
604	604R	X	X	X	4.53K	4K53	X	X	X	18.2K	18K2	X	X	X	100K	100K	X	X	X
681	681R	X	X	X	4.7K	4K70	X	X	X	18.7K	18K7	X	X	X	105K	105K	X	X	X
750	750R	X	X	X	4.75K	4K75	X	X	X	19.6K	19K6	X	X	X	110K	110K		X	
787	787R	X	X	X	4.99K	4K99	X	X	X	20K	20K0	X	X	X	115K	115K		X	
806	806R	X	X	X	5K	5K00		X		21K	21K0	X	X	X	121K	121K	X	X	X
825	825R	X	X	X	5.11K	5K11	X	X	X	21.5K	21K5	X	X	X	124K	124K		X	
909	909R	X	X	X	5.23K	5K23	X	X	X	22.1K	22K1	X	X	X	127K	127K	X	X	X
931	931R	X	X	X	5.49K	5K49	X	X	X	24K	24K0		X		130K	130K	X	X	X
976	976R	X	X	X	5.62K	5K62	X	X	X	24.3K	24K3	X	X	X	143K	143K	X	X	X
1K	1K00	X	X	X	6.04K	6K04	X	X	X	24.9K	24K9	X	X	X	150K	150K	X	X	X
1.02K	1K02	X	X		6.19K	6K19	X	X	X	25.5K	25K5	X	X	X	165K	165K	X	X	X
1.21K	1K21	X	X	X	6.34K	6K34	X	X	X	27.4K	27K4	X	X	X	200K	200K	X	X	X
1.27K	1K27	X	X	X	6.49K	6K49	X	X	X	28K	28K0	X	X	X	221K	221K		X	
1.4K	1K40	X	X	X	6.81K	6K81	X	X	X	29.4K	29K4	X	X	X	249K	249K		X	
1.47K	1K47	X	X	X	6.98K	6K98	X	X	X	30.1K	30K1	X	X	X	301K	301K		X	
1.5K	1K50	X	X		7.15K	7K15	X	X	X	30.9K	30K9	X	X	X	316K	316K		X	
1.54K	1K54	X	X	X	7.32K	7K32	X	X	X	33.2K	33K2	X	X	X	332K	332K			X
1.62K	1K62	X	X	X	7.5K	7K50	X	X	X	34K	34K0		X		499K	499K			X
1.69K	1K69	X	X		8.06K	8K06	X	X	X	34.8K	34K8	X	X	X	750K	750K		X	
1.8K	1K80	X	X		8.25K	8K25	X	X	X	35.7K	35K7	X	X	X	1M	1M00		X	
2K	2K00	X	X	X	8.45K	8K45	X	X	X	38.3K	38K3	X	X	X					