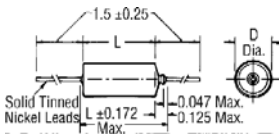




Visit Vishay's website at [www.vishay.com](http://www.vishay.com)

### Type 150D Axial Solid Tantalum Capacitors



- Hermetically Sealed Metal Cases
- Recommended for Industrial, Military, and Commercial Applications
- Capacitors Listed Have Outer Plastic-Film Insulation
- Capacitors Listed Have Capacitance Tolerance of  $\pm 10\%$
- Operating Temperature Range:  $-55^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$  with Voltage Derating

Dimensions		
Size	D	L
A	0.135"	0.286"
B	0.185"	0.474"
R	0.289"	0.686"
S	0.351"	0.786"

For quantities in excess of 100 pieces, call for pricing and delivery at 1-800-433-5700.

#### 6 WVDC, 8 VDC Surge

Stock No.	Mfr.'s Type	$\mu\text{F}$	Size Code
926-1528	150D476X9006B2	47	B

#### 10 WVDC, 13 VDC Surge

926-1555	150D475X9010A2	4.7	A
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#### 15 WVDC, 20 VDC Surge

926-1590	150D335X9015A2	3.3	A
926-1596	150D106X9015B2	10	B
926-1600	150D226X9015B2	22	B
926-1610	150D157X9015S2	150	S

#### 20 WVDC, 23 VDC Surge

926-1651	150D106X9020B2	10	B
926-1653	150D156X9020B2	15	B
926-1659	150D476X9020R2	47	R
926-1663	150D107X9020S2	100	S

#### 35 WVDC, 46 VDC Surge

926-1668	150D103X9035A2	.01	A
926-1680	150D104X9035A2	.1	A
926-1686	150D334X9035A2	.33	A
926-1688	150D474X9035A2	.47	A
926-1692	150D105X9035A2	1	A
926-1696	150D225X9035B2	2.2	B
926-1700	150D475X9035B2	4.7	B
926-1702	150D685X9035B2	6.8	B
926-1704	150D106X9035R2	10	R
926-1706	150D156X9035R2	15	R
926-1710	150D336X9035S2	33	S
926-1712	150D476X9035S2	47	S

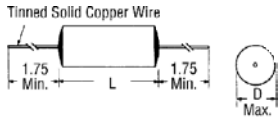
#### 50 WVDC, 65 VDC Surge

926-1737	150D474X9050A2	.47	A
926-1741	150D105X9050A2	1	A
926-1753	150D106X9050R2	10	R
926-1757	150D226X9050R2	22	S

### Metallized Polyester Film Capacitors

- Specifications
- Small Size
  - Rugged Construction

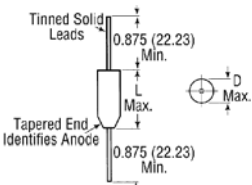
- Applications
- Telecommunications
  - Audio
  - Industrial for Blocking, Coupling, and Timing



Solid tinned wire leads are 1.75" long min. **Tolerance:** 10%. **Operating Temperature:**  $-55^{\circ}\text{C}$  to  $+85^{\circ}\text{C}$ .

Stock No.	Mfr.'s Type	WVDC	Cap. $\mu\text{F}$	Size (In.)		EACH		
				Dia.	Length	1-49	50-99	100-499
926-2020	430P106X9050	50	10.00	0.647	1.500	4.53	4.00	3.78
926-2032	430P104X9200	200	0.10	0.221	0.750	1.80	1.55	1.50
926-2036	430P474X9200	200	0.47	0.321	1.000	1.91	1.65	1.60
926-2040	430P105X9200	200	1.00	0.380	1.250	2.50	2.16	2.08
926-2042	430P205X9200	200	2.00	0.469	1.500	3.12	2.75	2.61
926-2048	430P104X9600	600	0.10	0.365	1.000	2.32	2.02	1.93

### 173D Series Tantalum Capacitors



#### ► 10% Tolerance

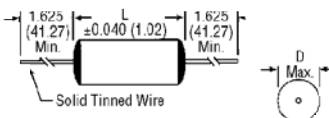
Solid tantalum capacitors are designed for auto, industrial and consumer electronic equipment. Made of precision-molded thermosetting flame-retardant epoxy resin. Supplied lead taped. **Temperature Range:**  $-55^{\circ}$  to  $+85^{\circ}\text{C}$ . **Capacitance Tolerance:**  $\pm 10\%$ . **Leakage Current:** Type suffix U, 0.5  $\mu\text{A}$ ; type suffix V, 0.7 to 1  $\mu\text{A}$ ; type suffix W, 1.4 to 2  $\mu\text{A}$ ; type suffix X, 2.4 to 5  $\mu\text{A}$ . **Dissipation Factor:** (A +  $25^{\circ}\text{C}$ ) 6 through 20 WVDC capacitors, 4 to 6%; 25 through 50 WVDC capacitors, 3 to 4%.

#### Dimensions

Case Code	D (Max.)	L (Max.)	Lead Diameter
U	0.095 (2.41)	0.260 (6.60)	0.020 (0.51)
V	0.110 (2.79)	0.290 (7.37)	0.020 (0.51)
W	0.180 (4.57)	0.345 (8.76)	0.020 (0.51)
X	0.180 (4.57)	0.420 (10.67)	0.020 (0.51)

Stock No.	Mfr.'s Type	WVDC	Cap. $\mu\text{F}$	Case Code
926-1151	173D106X9010V	10	10	V
926-3053	173D476X9010X	10	47	X
926-1155	173D225X9015U	15	2.2	U
926-1163	173D475X9020V	20	4.7	V
926-1165	173D226X9020X	20	22	X
926-1167	173D105X9025U	25	1.0	U
926-1169	173D225X9025V	25	2.2	V
926-1171	173D106X9025W	25	10	W
926-3109	173D156X9025X	25	15	X
926-1177	173D474X9035U	35	0.47	U
926-1179	173D105X9035V	35	1.0	V
926-1183	173D106X9035X	35	10	X
926-1185	173D104X9050U	50	0.10	U

### Type 632P Film Capacitors

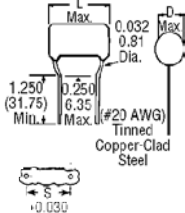


- Metallized Polycarbonate, Wrap-and-Fill
- Superior Performance
- High Efficiency
- High Stability
- High Reliability
- Rugged Construction
- Small Size

**Operating Temperature:**  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$ . **Capacitance Range:** 0.001  $\mu\text{F}$  to 10.0  $\mu\text{F}$ . **Capacitance Tolerance:**  $\pm 10\%$ ,  $\pm 5\%$ . **DC Voltage Rating:** 50 WVDC to 400 WVDC. **Dissipation Factor:** 0.25% maximum.

Stock No.	Mfr.'s Type	Cap. ( $\mu\text{F}$ )	Case Size D $\times$ L	EACH		
				1-49	50-99	100-499
926-6722	632P103X5050	.01	.17 $\times$ 0.44	2.93	2.38	2.09
926-6724	632P104X5050	.1	.19 $\times$ 0.56	3.92	3.16	2.83
926-6725	632P105X5050	1	.31 $\times$ 0.75	7.07	5.73	5.05
926-6737	632P473X5050	.047	.17 $\times$ 0.44	3.30	2.67	2.36
926-6738	632P474X5050	.47	.31 $\times$ 0.56	5.71	4.63	4.09

### Type 715P Orange Drop Polypropylene Dipped Tubulars



- Conformally Coated With Flame-Retardant Epoxy Which Provides Protection From Humidity and Mechanical Damage
- Furnished With 1.250" Long "Hockeystick" Crimped Leads

**Operating Temperature Range:**  $-55^{\circ}$  to  $+85^{\circ}\text{C}$ ; to  $+105^{\circ}\text{C}$  with 50% voltage derating. **Capacitance Tolerance:**  $\pm 5\%$ . **Dielectric Strength:** Unit rated up to 800 volts shall withstand a d-c potential of 250% of rated voltage for not more than 5 seconds. Units rated above 800 volts — 200%.

#### Dimensions (In Inches)

Size Code	L	S	Size Code	L	S
J	0.75	0.375	L	1.30	0.719
K	0.95	0.375	M	1.70	1.094

#### 400 WVDC

Stock No.	Mfr.'s Type	Cap. ( $\mu\text{F}$ )	Size Code	Dim. D	1-49	50-99
926-7191	715P22354KD3	0.0220	K	0.33	.72	.55
926-7192	715P47354LD3	0.0470	L	0.37	.90	.69

#### 600 WVDC

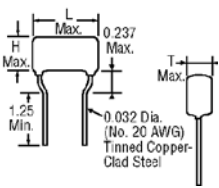
926-7100	715P10256JD3	0.0010	J	0.35	.64	.47
926-7104	715P47256JD3	0.0047	J	0.34	.64	.47
926-7105	715P68256JD3	0.0068	J	0.38	.73	.51
926-7120	715P10356KD3	0.0100	K	0.36	.81	.57
926-7122	715P22356KD3	0.0220	K	0.48	.85	.61
926-7123	715P47356KD3	0.0470	K	0.50	1.06	.78
926-7125	715P10456LD3	0.1000	L	0.71	1.67	1.22
926-7127	715P22456MD3	0.2200	M	0.83	2.81	2.04

#### 800 WVDC

926-7144	715P10458MD3	0.1000	M	0.67	2.81	2.04
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#### 1600 WVDC

926-7181	715P332516LD3	0.0033	L	0.41	1.18	.91
926-7182	715P472516LD3	0.0047	L	0.43	1.22	.90
926-7183	715P682516LD3	0.0068	L	0.52	1.37	.99
926-7184	715P103516LD3	0.0100	L	0.60	1.83	1.34
926-7187	715P333516MD3	0.0330	M	0.82	2.02	1.69



### Type 225P Orange Drop® Polyester Capacitors

Type 225 capacitors are designed for PC boards and are furnished with radial leads to facilitate insertions. Used in TV sets, radios, instruments and commercial electronic equipment. Sections are wound from polyester film and thin gauge foil. Wax-free conformal epoxy coating protects against moisture. For operation up to  $85^{\circ}\text{C}$ . **Tolerance:**  $\pm 10\%$ .

#### 100 WVDC

Stock No.	Mfr.'s Type	Cap. ( $\mu\text{F}$ )	Dimensions (Inches)				EACH	
			L	S	H	T	1-24	25-49
926-2250	225P10291WD3	0.0010	0.70	0.375	0.35	0.25	.94	.57
926-2262	225P10391WD3	0.0100	0.70	0.375	0.35	0.25	.73	.58
926-2270	225P47391WD3	0.0470	0.70	0.375	0.42	0.30	.91	.71
926-2274	225P10491WD3	0.1000	0.70	0.375	0.55	0.40	.90	.72

#### 200 WVDC

926-2299	225P10492XD3	0.1000	0.80	0.375	0.71	0.37	1.00	.77
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#### 400 WVDC

926-2317	225P10494XD3	0.1000	0.80	0.375	0.84	0.52	1.40	.94
926-2319	225P22494YD3	0.2200	1.25	0.719	0.89	0.56	2.41	1.70