

VISHAY / SPRAGUE Radial Leaded Tantalum Capacitors

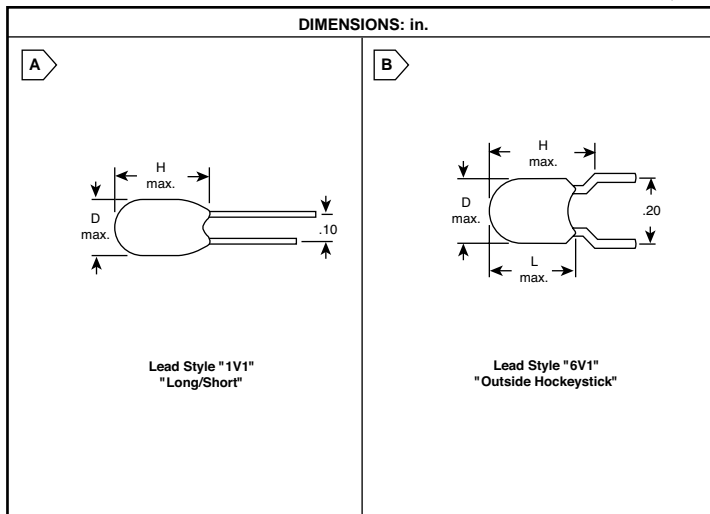
VISHAY TYPE 199D SOLID TANTALUM CAPACITORS

Solid-Electrolyte TANTALEX® Capacitors Resin-Coated, Radial-Lead

- Features:**
- Economy and high performance are combined in these radial-lead solid-electrolyte TANTALEX® capacitors.
 - Rugged, reliable capacitors featuring low leakage current and low dissipation factor.

- Performance Characteristics:**
- Operating temperature: -55°C to +85°C
 - Derate voltage: 33% @ 125°C
 - Capacitance Tolerance: ±10%
 - Lead size: 24AWG, 0.010 nom. dia.

Case Code	Dimensions: in. (mm)	
	Diameter D (Max.)	Length L (Max.)
A	0.177 (4.40)	0.280 (7.11)
B	0.196 (5.00)	0.300 (7.62)
C	0.216 (5.50)	0.360 (9.14)
D	0.236 (6.00)	0.400 (10.16)
E	0.340 (8.60)	0.492 (12.50)
F	0.380 (9.60)	0.650 (16.50)



For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Vishay Part No.	Fig.	Value (µF)	Case Code	Volt (DC)	Max. DLC @ 25°C, (µA)	Max. DF @ +25°C 120 Hz (%)	Price Each				
								1	25	100	500	1000
74-199D6.3V10	199D106X96R3B1V1	A	10	B	6.3	0.6	8					
74-199D6.3V33	199D336X96R3C1V1	A	33	C	6.3	2	8					
74-199D6.3V47	199D476X96R3D1V1	A	47	D	6.3	2.9	8					
74-199D6.3V68	199D686X96R3D1V1	A	68	D	6.3	4	8					
74-199D6.3V100	199D107X96R3D1V1	A	100	D	6.3	5	10					
74-199D10V10	199D106X9010B1V1	A	10	B	10	1	8					
74-199D10V22	199D226X9010C1V1	A	22	C	10	2	8					
74-199D10V33	199D336X9010D1V1	A	33	D	10	3	8					
74-199D10V68	199D686X9010D1V1	A	68	D	10	5	8					
74-199D10V100	199D107X9010E6V1	B	100	E	10	6	10					
74-199D10V220	199D227X9010F6V1	B	220	F	10	8	10					
74-199D16V2.2	199D225X9016A1V1	A	2.2	A	16	0.5	6					
74-199D16V3.3	199D335X9016A1V1	A	3.3	A	16	0.5	6					
74-199D16V4.7	199D475X9016B1V1	A	4.7	B	16	0.7	6					
74-199D16V6.8	199D685X9016B1V1	A	6.8	B	16	1	6					
74-199D16V10	199D106X9016C1V1	A	10	C	16	1.5	8					
74-199D16V22	199D226X9016D1V1	A	22	D	16	3.5	8					
74-199D16V33	199D336X9016D1V1	A	33	D	16	4	8					
74-199D16V47	199D476X9016E6V1	B	47	E	16	5	8					
74-199D16V68	199D686X9016E6V1	B	68	E	16	6	8					
74-199D16V100	199D107X9016F6V1	B	100	F	16	7	10					
74-199D20V2.2	199D225X9020A1V1	A	2.2	A	20	0.5	6					
74-199D20V10	199D106X9020C1V1	A	10	C	20	2	8					
74-199D20V15	199D156X9020D1V1	A	15	D	20	2.5	8					
74-199D20V22	199D226X9020D1V1	A	22	D	20	3	8					
74-199D20V47	199D476X9020E6V1	B	47	E	20	5	8					
74-199D25V1.5	199D155X9025A1V1	A	1.5	A	25	0.5	6					
74-199D25V2.2	199D225X9025A1V1	A	2.2	A	25	0.5	6					
74-199D25V3.3	199D335X9025B1V1	A	3.3	B	25	0.8	6					
74-199D25V4.7	199D475X9025B1V1	A	4.7	B	25	1	6					
74-199D25V6.8	199D685X9025C1V1	A	6.8	C	25	1.5	6					
74-199D25V15	199D156X9025D1V1	A	15	D	25	3	8					
74-199D25V22	199D226X9025D1V1	A	22	D	25	4	8					
74-199D25V33	199D336X9025E6V1	B	33	E	25	5	8					
74-199D25V47E	199D476X9025E6V1	B	47	E	25	6	8					
74-199D25V68	199D686X9025F6V1	B	68	F	25	7	8					
74-199D35V0.1	199D104X9035A1V1	A	0.1	A	35	0.5	4					
74-199D35V0.15	199D154X9035A1V1	A	0.15	A	35	0.5	4					
74-199D35V0.22	199D224X9035A1V1	A	0.22	A	35	0.5	4					
74-199D35V0.47	199D474X9035A1V1	A	0.47	A	35	0.5	4					
74-199D35V0.68	199D684X9035A1V1	A	0.68	A	35	0.5	4					
74-199D35V1.0	199D105X9035A1V1	A	1	A	35	0.5	4					
74-199D35V1.5	199D155X9035A1V1	A	1.5	A	35	0.5	6					
74-199D35V2.2	199D225X9035B1V1	A	2.2	B	35	0.7	6					
74-199D35V3.3	199D335X9035B1V1	A	3.3	B	35	1	6					
74-199D35V4.7	199D475X9035C1V1	A	4.7	C	35	1.5	6					
74-199D35V15	199D156X9035E6V1	B	15	E	35	4	8					
74-199D35V33	199D336X9035F6V1	B	33	F	35	6	8					
74-199D35V47	199D476X9035F6V1	B	47	F	35	7	8					
74-199D50V0.1	199D104X9050A1V1	A	0.1	A	50	0.5	4					
74-199D50V0.22	199D224X9050A1V1	A	0.22	A	50	0.5	4					
74-199D50V0.33	199D334X9050A1V1	A	0.33	A	50	0.5	4					
74-199D50V1.0	199D105X9050B1V1	A	1	B	50	0.5	4					
74-199D50V2.2	199D225X9050C1V1	A	2.2	C	50	1.1	6					
74-199D50V10	199D106X9050F6V1	B	10	F	50	4	8					
74-199D50V22	199D226X9050F6V1	B	22	F	50	6	8					

Tantalum Caps, Leaded

Vishay