

## VISHAY T16 SERIES

DIMENSIONS: in. (mm)				
0.0253 ± 0.002 [0.64 ± 0.05] dia. (no. 22 AWG) tinned nickel leads solderable and weldable				
Case Code	D	L1	L2 (max.)	E
Type T16	ST			
D	T4	0.375±0.016 (9.53±0.41)	1.062+0.031/-0.016 (26.97+0.79-0.41)	1.343 (34.11)
			2.250±0.250 (57.15±6.35)	



MOUSER STOCK NO.		Volt (DC)	Value (µF)	Case Size	Tol. ± %	Price Each			
Mfr.	Mfr. Part No.					1	10	20	50
74	T16D687K050EZSS	50	680	D	10	148.69	122.77	111.33	101.42
74	T16D567K060EZSS	60	560	D	10	148.69	122.77	111.33	101.42
74	T16D477K075EZSS	75	470	D	10	148.69	122.77	111.33	101.42
74	T16D227K100EZSS	100	220	D	10	148.69	122.77	111.33	101.42
74	T16D157K125EZSS	125	150	D	10	148.69	122.77	111.33	101.42

## VISHAY M34/M35 SURFACE MOUNT WET TANTALUM CAPACITORS

M34 and M35 wet tantalum electrolytic chip capacitors incorporate the advantages of all the varieties of electrolytic capacitors and eliminate most of the disadvantages. They have a higher ripple current capability than any other electrolytic type with similar combinations of capacitance and case size.

- Features:**
- Very low ESR
  - High ripple current capability
  - Transient reverse voltage capability
  - Low DCL



- Specifications:**
- Operating Temperature: -55°C to +85°C
  - Life Test: Capacitors shall be capable of withstanding a 2000 h life test at 85°C at rated voltage
  - Termination: A = 100% Tin (RoHS Compliant)  
B = Tin/Lead

DIMENSIONS: in.				
L(Max.)	W	H	P(Min.)	T <sub>w</sub>
21.2	8 ± 0.3	7.5 ± 0.3	3.0	6.0 ± 0.3
				T <sub>H</sub> (Min.)
				1.9

MOUSER STOCK NO.		Volt (DC)	Value (µF)	Case Size	Tol. ± %	Price Each			
Mfr.	Mfr. Part No.					1	5	10	20
74	M34C107K030AZSS	30	100	C	10	66.93	64.64	62.34	59.60
74	M34C107K030BZSS	30	100	C	10	65.57	63.52	61.47	58.74
74	M34C686K050BZSS	50	68	C	10	65.57	63.52	61.47	58.74
74	M34C476K060AZSS	60	47	C	10	66.93	64.64	62.34	59.60
74	M34C476K060BZSS	60	47	C	10	65.57	63.52	61.47	58.74
74	M34C336K075BZSS	75	33	C	10	65.57	63.52	61.47	58.74
74	M34C156K100BZSS	100	15	C	10	65.57	63.52	61.47	58.74
74	M34C106K125AZSS	125	10	C	10	66.93	64.64	62.34	59.60
74	M34C106K125BZSS	125	10	C	10	65.57	63.52	61.47	58.74
74	M35C276K060AZSS	60	27	C	10	59.20	57.35	55.50	54.02

Wet Tantalum Caps

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## VISHAY 135D WET TANTALUM CAPACITORS

DIMENSIONS: in. (mm)				
0.0253±0.002 [0.64±0.05] Dia. No. 22 AWG Tinned Nickel Leads Solderable and Weldable				

Case Code	D	L1	L2	E	Weight in Grams (Max.)
Type 135D	CLR 79/81 Equiv.				
C	T1	0.188±0.016 (4.78±0.41)	0.453 +0.031-0.016 (11.51 +0.79-0.41)	0.734 (18.64)	1.500±0.250 (38.10±6.35)
F	T2	0.281±0.016 (7.14±0.41)	0.641 +0.031 -0.016 (16.28 +0.79-0.41)	0.922 (23.42)	2.250±0.250 (57.15±6.35)
T	T3	0.375±0.016 (9.53±0.41)	0.766 +0.031-0.016 (19.46 +0.79-0.41)	1.047 (26.59)	2.250±0.250 (57.15±6.35)
K	T4	0.375±0.016 (9.53±0.41)	1.062 +0.031-0.016 (26.97 +0.79-0.41)	1.343 (34.11)	2.250±0.250 (57.15±6.35)

MOUSER STOCK NO.		Volt (DC)	Value (µF)	Case Size	Tol. ± %	Price Each			
Mfr.	Mfr. Part No.					1	5	10	20
74	135D127X0010C6	10	120	C	20	56.59	54.33	52.06	50.93
74	135D107X0015C6	15	100	C	10	56.59	54.33	52.06	50.93
74	135D107X0015C6	15	100	C	20	56.59	54.33	52.06	50.93
74	135D277X0015F6	15	270	F	20	75.20	72.19	69.17	67.67
74	135D226X0025C6	25	22	C	20	50.63	48.60	46.58	45.56
74	135D566X0025C6	25	56	C	10	56.59	54.33	52.06	50.93
74	135D566X0025C6	25	56	C	20	56.59	54.33	52.06	50.93
74	135D686X0025C6	25	68	C	10	56.59	54.33	52.06	50.93
74	135D107X9025F6	25	100	F	10	67.57	62.16	60.81	54.06
74	135D277X0025F6	25	270	F	20	75.20	72.19	69.17	67.67
74	135D476X0030C6	30	47	C	20	56.59	54.33	52.06	50.93
74	135D566X0030C6	30	56	C	20	56.59	54.33	52.06	50.93

## VISHAY 109D WET TANTALUM CAPACITORS

DIMENSIONS: in.		
250 max. →	L max. →	ø.025, Tinned Solderable Leads

Case Size	With Plastic-Film Insulating Sleeve		Lead Length ± .250
	D ± 0.016 (Max.)	L (Max.)	
C	.219	.608	1.500
F	.312	.796	2.250
T	.406	.921	2.250
K	.406	1.217	2.250

MOUSER STOCK NO.		Volt (DC)	Value (µF)	Case Size	Tol. ± %	Price Each			
Mfr.	Mfr. Part No.					1	5	10	20
74	109D567X9010F2	10	560	F	38.47	36.12	35.75	33.64	
74	109D108X9010T2	10	1000	T	48.45	45.01	43.90	42.35	
74	109D107X9015C2	15	100	C	32.33	30.14	28.22	26.54	
74	109D397X9015F2	15	390	F	38.47	35.75	33.64	31.54	
74	109D827X9015T2	15	820	T	48.45	45.01	43.90	42.35	
74	109D226X9025C2	25	22	C	26.03	24.20	23.26	22.77	
74	109D107X9025F2	25	100	F	30.73	29.19	28.55	26.88	
74	109D277X9025F2	25	270	F	38.47	36.12	35.75	33.64	
74	109D567X9025T2	25	560	T	48.45	45.01	43.90	42.35	
74	109D687X9025K2	25	680	K	66.99	62.23	60.15	58.57	
74	109D156X9030C2	30	15	C	26.03	24.20	23.26	22.77	

MOUSER STOCK NO.		Volt (DC)	Value (µF)	Case Size	Tol. ± %	Price Each			
Mfr.	Mfr. Part No.					1	5	10	20
74	109D157X9030F2	30	150	F	38.47	36.12	35.75	33.64	
74	109D187X9030F2	30	180	F	38.47	36.12	35.75	33.64	
74	109D227X9030F2	30	220	F	38.47	36.12	35.75	33.64	
74	109D337X9030T2	30	330	T	48.45	45.01	42.35	39.72	
74	109D477X9030T2	30	470	T	48.45	45.01	43.90	42.35	
74	109D106X9050C2	50	10	C	26.03	24.20	23.26	22.77	
74	109D336X9050C2	50	33	C	32.53	31.40	30.22	28.44	
74	109D476X9050F2	50	47	F	30.73	29.19	28.55	26.88	
74	109D127X9050F2	50	120	F	38.47	36.12	35.75	33.64	
74	109D277X9050T2	50	270	T	48.45	45.01	43.90	42.35	
74	109D337X9050K2	50	330	K	66.99	62.23	60.15	58.57	
74	109D686X9060F2	60	68	F	38.47	36.12	35.75	33.64	
74	109D107X9060F2	60	100	F	38.47	36.12	35.75	33.64	
74	109D227X9060T2	60	220	T	48.45	45.01	43.90	42.35	
74	109D156X9075C2	75	15	C	32.53	31.40	30.22	28.44	
74	109D226X9075C2	75	22	C	32.53	31.40	30.22	28.44	
74	109D336X9075F2	75	33	F	30.73	29.19	28.55	26.88	
74	109D406X9075T2	75	40	T	38.81	36.05	34.80	33.92	
74	109D476X9075F2	75	47	F	38.47	36.12	35.75	33.64	
74	109D566X9075F2	75	56	F	38.47	36.12	35.75	33.64	
74	109D826X9075F2	75	82	F	38.47	36.12	35.75	33.64	
74	109D117X9075T2	75	110	T	48.45	45.01	43.90	42.35	
74	109D187X9075T2	75	180	T	48.45	45.01	43.90	42.35	
74	109D475X9100C2	100	4.7	C	26.03	24.20	23.26	22.77	
74	109D106X9100C2	100	10	C	32.53	31.40	30.22	28.44	
74	109D226X9100F2	100	22	F	30.73	29.19	28.55	26.88	
74	109D396X9100F2	100	39	F	38.47	36.12	35.75	33.64	
74	109D686X9100T2	100	68	T	48.45	45.01	42.35	39.72	