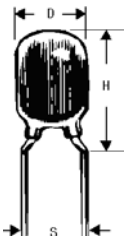


Visit Mallory's Website at [www.nacc-mallory.com](http://www.nacc-mallory.com)

Epoxy Dipped Solid Tantalum Capacitors

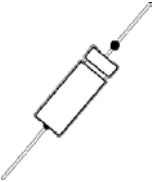


Type TDC capacitors offer the long life electrical stability characteristics of solid tantalum at low cost. The tough epoxy coating provides uniform lead spacing and protection against mechanical damage and moisture. These capacitors are ideal for industrial and consumer applications where premium performance, minimum size, and low cost are essential. **Operating Temperature:** -55°C to +125°C (with voltage derating above 85°C). The TDC dip-coated solid tantalum capacitor has leads 0.187" maximum in length. A tolerance of ±20% is indicated by an "M" in the Mfr.'s type number; a tolerance of ±10% is indicated by a "K" in the Mfr.'s type number. **Leads Diameter:** 0.020" (0.51 mm). **Leads Space S (Using Last 3 Letters in Mfr.'s Type):** NSE, NSF — 0.125" (3.17 mm); WSG — 0.250" (6.35 mm).

Stock No.	Mfr.'s Type	WVDC/ Surge VDC	Cap. µF	Case (In.)		EACH	
				D	H	1-49	50-99
852-5614	TDC226K010NSF	<sup>10</sup> / <sub>f13</sub>	22.00	0.250	0.500	.86	.78
852-5656	TDC336K010NSF	<sup>10</sup> / <sub>f13</sub>	33.00	0.250	0.500	1.09	.95
852-5613	TDC476K010NSF	<sup>10</sup> / <sub>f13</sub>	47.00	0.250	0.500	1.65	1.50
852-5615	TDC107K010WSG	<sup>10</sup> / <sub>f13</sub>	100.00	0.350	0.650	2.84	2.58
852-5616	TDC227K010WSG	<sup>10</sup> / <sub>f13</sub>	220.00	0.350	0.650	6.56	5.96
852-5661	TDC106K015NSF	<sup>15</sup> / <sub>f20</sub>	10.00	0.250	0.500	.69	.63
852-5618	TDC226K015NSF	<sup>15</sup> / <sub>f20</sub>	22.00	0.250	0.500	.91	.83
852-5620	TDC686M015WSG	<sup>15</sup> / <sub>f20</sub>	68.00	0.350	0.650	2.87	2.51
852-5617	TDC157K015WSG	<sup>15</sup> / <sub>f20</sub>	150.00	0.350	0.650	12.33	10.98
852-5663	TDC225M025NSE	<sup>20</sup> / <sub>f25</sub>	2.20	0.175	0.350	.57	.50
852-5625	TDC475K020NSE	<sup>20</sup> / <sub>f25</sub>	4.70	0.175	0.350	.67	.61
852-5665	TDC106K020NSF	<sup>20</sup> / <sub>f25</sub>	10.00	0.250	0.500	.86	.78
852-5621	TDC156K020NSF	<sup>20</sup> / <sub>f25</sub>	15.00	0.250	0.500	1.01	.87
852-5623	TDC226M020NSF	<sup>20</sup> / <sub>f25</sub>	22.00	0.250	0.500	2.52	2.22
852-5667	TDC476K020WSG	<sup>20</sup> / <sub>f25</sub>	47.00	0.350	0.650	2.67	2.43
852-5666	TDC476M020WSG	<sup>20</sup> / <sub>f25</sub>	47.00	0.350	0.650	4.57	3.98
852-5672	TDC107K020WSG	<sup>20</sup> / <sub>f25</sub>	100.00	0.350	0.650	6.86	6.09
852-5668	TDC107M020WSG	<sup>20</sup> / <sub>f25</sub>	100.00	0.350	0.650	6.76	6.02
852-5669	TDC685K025NSF	<sup>25</sup> / <sub>f22</sub>	6.80	0.250	0.500	.95	.84
852-5673	TDC106K025NSF	<sup>25</sup> / <sub>f22</sub>	10.00	0.250	0.500	.91	.83
852-5670	TDC106M025NSF	<sup>25</sup> / <sub>f22</sub>	10.00	0.250	0.500	1.50	1.37
852-5671	TDC226M025NSF	<sup>25</sup> / <sub>f22</sub>	22.00	0.250	0.500	3.80	3.29
852-5627	TDC336K025WSG	<sup>25</sup> / <sub>f22</sub>	33.00	0.350	0.650	2.98	2.60
852-5677	TDC105K035NSE	<sup>30</sup> / <sub>f46</sub>	1.00	0.175	0.350	.51	.46
852-5674	TDC105M035NSE	<sup>30</sup> / <sub>f46</sub>	1.00	0.175	0.350	.46	.41
852-5635	TDC155K035NSE	<sup>35</sup> / <sub>f46</sub>	1.50	0.175	0.350	.57	.50
852-5676	TDC225M035NSE	<sup>35</sup> / <sub>f46</sub>	2.20	0.175	0.350	.55	.50
852-5637	TDC225K035NSE	<sup>35</sup> / <sub>f46</sub>	2.20	0.175	0.350	.60	.54
852-5639	TDC335K035NSF	<sup>35</sup> / <sub>f46</sub>	3.30	0.250	0.500	1.10	.98
852-5690	TDC475K035NSF	<sup>35</sup> / <sub>f46</sub>	4.70	0.250	0.500	.80	.70
852-5678	TDC475M035NSF	<sup>35</sup> / <sub>f46</sub>	4.70	0.250	0.500	1.28	1.15
852-5661	TDC685K035NSF	<sup>35</sup> / <sub>f46</sub>	6.80	0.250	0.500	1.59	1.42
852-5683	TDC106K035NSF	<sup>35</sup> / <sub>f46</sub>	10.00	0.250	0.500	1.36	1.24
852-5690	TDC106M035NSF	<sup>35</sup> / <sub>f46</sub>	10.00	0.250	0.500	1.26	1.15
852-5686	TDC226K035WSG	<sup>35</sup> / <sub>f46</sub>	22.00	0.350	0.650	2.80	2.45
852-5682	TDC226M035WSG	<sup>35</sup> / <sub>f46</sub>	22.00	0.350	0.650	2.66	2.32
852-5687	TDC476K035WSG	<sup>35</sup> / <sub>f46</sub>	47.00	0.350	0.650	12.02	10.71
852-5684	TDC476M035WSG	<sup>35</sup> / <sub>f46</sub>	47.00	0.350	0.650	6.70	5.96
852-5685	TDC104K050NSE	<sup>50</sup> / <sub>f65</sub>	0.10	0.175	0.350	.55	.50
852-5649	TDC334K050NSE	<sup>50</sup> / <sub>f65</sub>	0.33	0.175	0.350	.55	.50
852-5691	TDC105M050NSE	<sup>50</sup> / <sub>f65</sub>	1.00	0.175	0.350	.57	.50
852-5643	TDC105K050NSE	<sup>50</sup> / <sub>f65</sub>	1.00	0.175	0.350	.60	.54
852-5651	TDC475K050NSF	<sup>50</sup> / <sub>f65</sub>	4.70	0.250	0.500	1.17	1.07
852-5644	TDC106K050WSG	<sup>50</sup> / <sub>f65</sub>	10.00	0.350	0.650	4.53	4.12
852-5645	TDC106M050WSG	<sup>50</sup> / <sub>f65</sub>	10.00	0.350	0.650	4.44	4.03

Type TLS Wet Tantalum Capacitor

— NEW —

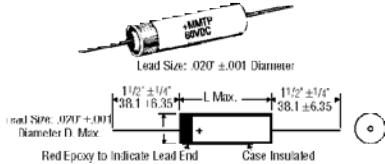


This silver case capacitor has extremely low DCL, long operating life, rugged mechanical construction, wide operating temperature range and offers high capacitance for its size. This is the commercial version of the MIL-C-3965/4.

Stock No.*	Mfr.'s Type	Cap µF	WVDC @ 85°C	WVDC @ 125°C	Dia. × L In.
852-0500	TLS277K015CLC	270	15	10	.406 × .921
852-0502	TLS107K025CLB	100	25	15	.312 × .796
852-0504	TLS157K030CLC	150	30	20	.406 × .921
852-0506	TLS106K050CLA	10	50	30	.219 × .608
852-0508	TLS476K050CLB	47	50	30	.312 × .796
852-0510	TLS826K050CLC	82	50	30	.406 × .921

\*Call your local Allies sales representative for pricing and availability.

Type MTP Subminiature Capacitors



Case Code Dimensions

Case Code	Diameter	Length	Max. DCL at Max. WVDC in µA	
			+25°C	+85°C
B	0.145"	0.600"	2.0	8.0
C	0.225"	0.778"	2.0	10.0

Stock No.	Mfr.'s Type	WVDC @ 85°C	Cap µF	Max. DF @ 25°C	Case Code	EACH	
						1-24	25-49
852-0760	MTP456M030P1B	30	45.0	18	B	23.31	21.15
852-0762	MTP127M030P1C	30	120.0	21	C	30.92	28.11
852-0768	MTP107M035P1C	35	100.0	17	C	34.44	31.47

Capacitor Kits In Plastic Storage Cabinets

**SKSEK151 Miniature Electrolytic Mallobin.** A collection of 85 and 105C miniature aluminum electrolytic radial leaded capacitors.

**852-2609.** SKSEK151.....EACH 56.35

**MONO151A Monolithic Capacitor Mallobin.** A collection of Monolithic ceramic capacitors with voltages to 200 WVDC. Values from 10 pF to 1 µF.

**852-2610.** MONO151A.....EACH 217.14

**TC151A.** Assorted axial leaded aluminum electrolytic capacitors with voltages to 450 WVDC. Values from 20 µF to 200 µF.

**852-2601.** TC151A.....EACH 201.09

**TDC151A.** An assortment of epoxy dipped solid tantalum capacitors. Voltages to 50 WVDC. Values from 0.1 µF to 220 µF. **Tolerance:** ±10%.

**852-2602.** TDC151A.....EACH 157.55

**TAC151A Solid Tantalum.** An assortment of 78 axial leaded molded solid tantalum capacitors. Six each of 24 popular ratings from 0.1 µF to 47 µF. Voltages to 50 WVDC.

**852-2620.** TAC151A.....EACH 231.96



Monolithic Ceramic Capacitors

CK05



CK06



These Molded Case Monolithic Ceramic Capacitors are constructed to MIL-C-11015. **Tolerance:** ±10%. **Operating Temperature Range:** -55°C to +125°C. Capacitors are 0.09 ±0.01" (2.29 ±0.25 mm) thick; lead spacing is 0.2 ±0.015" (5.08 ±0.38 mm); lead length is 1.25" (31.75 mm) minimum. Made from ferroelectric, barium titanate material.

Stock No.	Mfr.'s Type	Cap. pF	WVDC	EACH			
				1-24	25-49	50-99	100-249
852-1161	CK05BX223K	22000	50	.84	.56	.43	.36
852-1163	CK05BX333K	33000	50	.60	.43	.38	.33
852-1165	CK05BX473K	47000	50	1.02	.67	.46	.39
852-1170	CK05BX104K	100000	50	.97	.64	.49	.37
852-1147	CK05BX152K	1500	100	.72	.47	.32	.28
852-1149	CK05BX222K	2200	100	.74	.48	.35	.29
852-1151	CK05BX332K	3300	100	.79	.51	.36	.29
852-1153	CK05BX472K	4700	100	1.08	.58	.38	.28
852-1155	CK05BX682K	6800	100	.71	.43	.32	.28
852-1156	CK05BX822K	8200	100	.74	.45	.32	.29
852-1157	CK05BX103K	10000	100	.63	.40	.28	.24
852-1121	CK05BX100K	10	200	.72	.47	.31	.28
852-1123	CK05BX150K	15	200	.72	.47	.31	.28
852-1125	CK05BX220K	22	200	.71	.48	.32	.29
852-1126	CK05BX270K	27	200	.72	.46	.31	.28
852-1127	CK05BX330K	33	200	.71	.46	.31	.28
852-1129	CK05BX470K	47	200	.71	.46	.31	.28

Stock No.	Mfr.'s Type	Cap. pF	WVDC	EACH			
				1-24	25-49	50-99	100-249
852-1133	CK05BX101K	100	200	.58	.37	.25	.22
852-1134	CK05BX151K	150	200	.72	.47	.32	.28
852-1136	CK05BX181K	180	200	.72	.47	.32	.28
852-1137	CK05BX221K	220	200	.74	.45	.30	.25
852-1139	CK05BX331K	330	200	.72	.47	.32	.28
852-1141	CK05BX471K	470	200	.75	.48	.33	.29
852-1142	CK05BX561K	560	200	.72	.47	.32	.28
852-1143	CK05BX681K	680	200	.72	.46	.32	.26
852-1144	CK05BX821K	820	200	.77	.50	.35	.30
852-1145	CK05BX102K	1000	200	.59	.37	.28	.23
852-1196	CK06BX224K	220000	50	1.90	1.33	1.12	.95
852-1197	CK06BX474K	470000	50	2.28	1.50	1.35	1.23
852-1198	CK06BX684K	680000	50	5.98	3.65	2.39	2.22
852-1194	CK06BX105K	1000000	50	5.65	3.44	2.59	2.27
852-1189	CK06BX473K	470000	100	.77	.49	.41	.40
852-1193	CK06BX104K	100000	100	.76	.49	.37	.33
852-1195	CK06BX103K	10000	200	.63	.39	.30	.24

Call Your Nearest Allied Location (1-800-433-5700) For Pricing And Availability

ALLIED ► 589