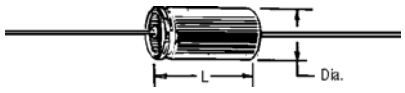
Aluminum Electrolytic Capacitors



Type SKA Axial Miniature

The SKA series is an axial lead, general purpose, miniature electronic capacitor. This series is suitable for those electronic products requiring small size. It is suitable for consumer electronic equipment, such as stereo radios, TV sets, etc. The aluminum case is enclosed in a vinyl sleeve. **Tolerance:** ±20%. **Operating Temperature Range:** –40 ~ +85°C.

Stock No.	Mfr.'s Type	MFD	VDC	Case Size D × L (mm)	EACH 1-24	25-49	50-99
852-5005	SKA101M010	100	10	6 × 16.0	**1.01**	**.86**	**.78**
852-5010	SKA471M010	470	10	8 × 20.0	**.48**	**.41**	**.38**
852-5030	SKA101M016	100	16	6 × 16.0	**1.09**	**.92**	**.84**
852-5035	SKA221M016	220	16	8 × 16.0	**.54**	**.47**	**.45**
852-5006	SKA331M016	330	16	8 × 20.0	**.60**	**.53**	**.46**
852-5084	SKA220M025	22	25	6 × 12.5	**.61**	**.45**	**.39**
852-5065	SKA330M025	33	25	6 × 12.5	**.40**	**.35**	**.35**
852-5075	SKA101M025	100	25	8 × 16.0	**.51**	**.45**	**.45**
852-5040	SKA221M025	220	25	8 × 20.0	**1.76**	**1.34**	**1.17**
852-5085	SKA331M025	330	25	10 × 16.0	**1.58**	**1.07**	**.89**
852-5090	SKA471M025	470	25	10 × 20.0	**.80**	**.69**	**.68**
852-5083	SKA100M035	10	35	5 × 12.5	**.61**	**.45**	**.39**
852-5105	SKA220M035	22	35	6 × 12.5	**.40**	**.35**	**.35**
852-5115	SKA470M035	47	35	6 × 16.0	**.45**	**.39**	**.35**
852-5120	SKA101M035	100	35	8 × 16.0	**.53**	**.47**	**.45**
852-5125	SKA221M035	220	35	10 × 16.0	**.72**	**.63**	**.62**
852-5135	SKA471M035	470	35	10 × 25.0	**.98**	**.85**	**.83**

Stock No.	Mfr.'s Type	MFD	VDC	Case Size D × L (mm)	EACH 1-24	25-49	50-99
852-5140	SKA102M035	1000	35	13 × 30.0	**1.62**	**1.42**	**1.38**
852-5160	SKA4R7M050	4.7	50	5 × 12.5	**.37**	**.33**	**.31**
852-5165	SKA100M050	10	50	6 × 12.5	**.39**	**.33**	**.32**
852-5170	SKA220M050	22	50	6 × 16.0	**.43**	**.37**	**.37**
852-5175	SKA330M050	33	50	6 × 16.0	**.45**	**.40**	**.39**
852-5180	SKA470M050	47	50	8 × 16.0	**.52**	**.45**	**.44**
852-5185	SKA101M050	100	50	8 × 20.0	**.62**	**.56**	**.53**
852-5007	SKA221M050	220	50	10 × 20.0	**.84**	**.74**	**.65**
852-5195	SKA331M050	330	50	10 × 25.0	**1.01**	**.88**	**.84**
852-5081	SKA220M063	22	63	6 × 16.0	**.75**	**.56**	**.47**
852-5230	SKA100M100	10	100	6 × 16.0	**.54**	**.47**	**.46**
852-5235	SKA220M100	22	100	8 × 16.0	**.56**	**.50**	**.48**
852-5011	SKA101M100	100	100	10 × 25.0	**1.12**	**.99**	**.86**
852-5086	SKA221M100	220	100	13 × 30.0	**3.13**	**2.32**	**1.99**
852-5250	SKA100M160	10	160	8 × 20.0	**.72**	**.65**	**.62**
852-8086	SKA470M160	47	160	13 × 30.0	**1.44**	**1.06**	**.92**
852-5012	SKA3R3M250	3.3	250	8 × 16.0	**.71**	**.63**	**.55**

TC Aluminum Electrolytic Capacitors

TC capacitors are single section metal tubulars with plastic insulating sleeve. Sizes are for bare unsleeved cans; add .015" to the diameter and 0.062" to the length to allow for plastic sleeve. TC capacitors have etched cathode construction and 2.25" min. tinned leads. **Specifications. Operating Temperature:** –40°C to +85°C. **Tolerance:** –10% to 75% up to 350 WVDC, –10% to +50% for 450 WVDC.

Stock No.	Mfr.'s Type	Cap. µF	WVDC	Case Size D × L (In.)	EACH 1-24	25-49	50-99
852-9200	TC2501A	100	16	0.236 × 0.629	**.47**	**.36**	**.30**
852-9202	TC2510A	1000	25	0.512 × 0.984	**1.08**	**.82**	**.70**
852-9204	TC2515	1500	25	0.750 × 2.125	**7.53**	**5.92**	**5.02**
852-9130	TC50025A	250	50	0.394 × 0.866	**.80**	**.60**	**.51**
852-9120	TC50050A	500	50	0.512 × 1.060	**1.24**	**.92**	**.79**
852-9039	TC50100	1000	50	0.875 × 2.625	**7.64**	**6.80**	**6.46**
852-9040	TC50200	2000	50	1.000 × 2.625	**9.36**	**8.49**	**7.90**
852-9115	TC75251	250	75	0.750 × 1.625	**9.45**	**7.29**	**6.17**
852-9067	TC493	100	150	0.750 × 1.625	**6.39**	**5.70**	**5.42**
852-9206	TC495	150	150	0.875 × 1.625	**8.32**	**6.54**	**5.55**
852-9073	TC52	10	250	0.625 × 1.125	**6.78**	**6.04**	**5.33**
852-9076	TC55	20	250	0.750 × 1.125	**7.87**	**7.00**	**6.66**
852-9079	TC59	50	250	0.750 × 1.625	**9.61**	**8.74**	**8.14**
852-9048	TC1267	225	250	1.000 × 3.125	**11.80**	**10.71**	**9.97**
852-9086	TC62	10	350	0.625 × 1.375	**7.76**	**6.91**	**6.57**
852-9186	TC69	100	350	0.875 × 2.625	**9.46**	**8.75**	**8.13**
852-9088	TC695	2	450	0.625 × 1.125	**9.02**	**8.03**	**7.62**
852-9089	TC72	10	450	0.875 × 1.375	**8.19**	**7.30**	**6.93**
852-9100	TC74	16	450	0.750 × 1.625	**9.17**	**8.16**	**7.75**
852-9101	TC75	20	450	0.875 × 1.625	**6.39**	**5.73**	**5.49**
852-9090	TC77	30	450	1.000 × 1.625	**12.43**	**11.30**	**10.53**
852-9192	TC79	50	450	1.000 × 2.125	**11.57**	**10.63**	**9.81**
852-9191	TC807	100	450	1.000 × 3.125	**16.12**	**14.79**	**13.65**

TCG Series

Long life, axial leads. The TCG is a small tubular axial version of the Mallory Type CG capacitor. The TCG features long life and low ESR and utilizes a PVC insulating sleeve as well as a safety vent on diameters 0.5 inches and larger. 7th digit of part number indicates tolerance. **Specifications. Capacitance Range:** 10 to 10,000 µF. **Voltage Range:** 10 to 450 WVDC. **Capacitance Tolerance:** T = –10%, +50%; U = –10%, +75%. **Operating Temperature:** –40°C to +85°C.

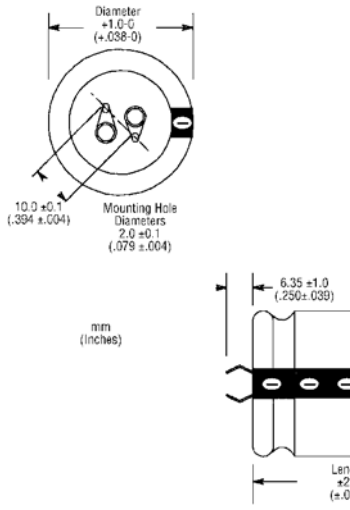
Stock No.	Mfr.'s Type	Cap. µF	WVDC	Case Size D × L (In.)	EACH 1-24	25-49	50-99
852-1262	TCG402U015N1L	4000	15	1.000 × 1.625	**10.96**	**8.27**	**6.97**
852-1214	TCG103U015N2L	10000	15	1.000 × 2.625	**8.38**	**7.48**	**7.10**
852-1200	TCG112U030G2L	1100	30	0.625 × 2.625	**13.53**	**12.30**	**11.27**
852-1201	TCG251U050G1G	250	50	0.625 × 1.375	**9.81**	**8.92**	**7.79**
852-1230	TCG601U050L1G	600	50	0.875 × 1.375	**9.03**	**7.87**	**7.41**
852-1203	TCG561T150N3C	560	150	1.000 × 3.125	**13.08**	**11.89**	**10.90**
852-1240	TCG101T250L2C	100	250	0.875 × 2.125	**7.43**	**6.48**	**6.09**
852-1242	TCG201T250N2L	200	250	1.000 × 2.625	**9.63**	**8.73**	**8.14**
852-1243	TCG300T350G2C	30	350	0.625 × 2.125	**7.92**	**7.19**	**6.70**
852-1206	TCG400T350N1C	40	350	1.000 × 1.125	**13.40**	**12.18**	**11.17**
852-1248	TCG101T350N2C	100	350	1.000 × 2.125	**10.27**	**9.34**	**8.69**
852-1252	TCG161T350N2L	160	350	1.000 × 2.625	**10.89**	**9.90**	**9.22**
852-1250	TCG181T350N3C	180	350	1.000 × 3.125	**12.27**	**11.16**	**10.38**

Type LP
Low Profile Snap-In

Aluminum electrolytic capacitors are designed for quick and easy snap-in insertion in PC board power supplies. Designed specifically for switching power supply applications. Can be utilized in other applications requiring high CV. Low ESR. High ripple capability. **Voltage:** 16 WVDC to 250 WVDC. **Tolerance:** ±20%. **Operating Temperature:** –40°C to +105°C. Lead spacing is 10 mm.

Stock No.	Mfr.'s Type	WVDC	MFD	Case Size Dia. × L (mm)	EACH 1-99	100-249	250-Up
852-3013	LP123M016E3P3	16	12000	30 × 30	**4.32**	**3.88**	**3.70**
852-3400	LP153M016H3P3	16	15000	35 × 30	**7.87**	**7.16**	**6.56**
852-3017	LP332M025A1P3	25	3300	22 × 25	**2.31**	**2.09**	**2.00**
852-3070	LP682M025C5P3	25	6800	25 × 35	**4.17**	**3.72**	**3.54**
852-1998	LP103M025H3P3	25	10000	35 × 30	**5.42**	**4.82**	**4.59**
852-3082	LP223M025H9P3	25	22000	35 × 50	**9.38**	**8.52**	**7.93**
852-3023	LP272M035C1P3	35	2700	25 × 25	**2.62**	**2.27**	**2.23**
852-3025	LP562M035E3P3	35	5600	30 × 30	**6.01**	**5.35**	**5.09**
852-3402	LP822M035H3P3	35	8200	35 × 30	**7.51**	**6.82**	**6.15**
852-3028	LP153M035H9P3	35	15000	35 × 50	**9.74**	**8.72**	**8.36**
852-3029	LP122M050A1P3	50	1200	22 × 25	**3.08**	**2.77**	**2.65**
852-3060	LP152M050A1P3	50	1500	22 × 25	**2.56**	**2.25**	**2.20**
852-3086	LP222M050E1P3	50	2200	30 × 25	**4.70**	**4.23**	**4.05**
852-3404	LP332M050C5P3	50	3300	25 × 35	**7.49**	**6.81**	**5.76**
852-3406	LP332M050E3P3	50	3300	30 × 30	**7.49**	**6.81**	**5.76**
852-3032	LP472M050H3P3	50	4700	35 × 30	**5.49**	**4.92**	**4.62**
852-3408	LP682M050E9P3	50	6800	30 × 50	**9.73**	**8.85**	**7.49**
852-3090	LP822M050H9P3	50	8200	35 × 50	**7.54**	**6.90**	**6.47**
852-3035	LP222M063E3P3	63	2200	30 × 30	**5.08**	**4.55**	**4.29**
852-2000	LP472M063E9P3	63	4700	30 × 50	**7.72**	**6.87**	**6.53**
852-3040	LP682M063H9P3	63	6800	35 × 50	**11.26**	**10.46**	**9.65**
852-3068	LP471M200H3P3	200	470	35 × 30	**5.67**	**5.09**	**4.86**
852-3046	LP102M200H9P3	200	1000	35 × 50	**10.33**	**9.44**	**8.86**
852-3094	LP101M250A1P3	250	100	22 × 25	**3.37**	**3.03**	**2.88**

Radial Lead Snap-In Capacitors



This high capacitance general purpose aluminum electrolytic capacitor has radial snap-in leads. These are ideal for input filter in SMPS. PVC insulating sleeve. **Tolerance:** 20%. **Temperature Range:** –40 to +85°C.

Case Codes Dimensions

Diameter mm	Diameter Inches	Length 25 (1.00)	30 (1.18)	35 (1.38)	40 (1.57)	45 (1.77)	50 (2.00)
22	0.87	A1	A3	A5	A7	A4	A9
25	1.00	C1	C3	C5	C7	C4	C9
30	1.18	E1	E3	E5	E7	E4	E9
35	1.38	H1	H3	H5	H7	H4	H9

Stock No.	Mfr.'s Type	VDC	MFD	Size	EACH 1-24	25-49
852-1404	LPX471M200C3P3	200	470	25 × 30	**5.16**	**4.25**
852-1406	LPX561M200C5P3	200	560	25 × 35	**5.93**	**5.29**
852-1401	LPX821M200E5P3	200	820	30 × 35	**11.40**	**9.50**
852-1412	LPX102M200E7P3	200	1000	30 × 40	**11.18**	**9.97**
852-1420	LPX152M200H7P3	200	1500	35 × 40	**11.37**	**10.32**
852-1402	LPX331M250A5P3	250	330	22 × 35	**7.51**	**6.26**
852-1403	LPX331M250C3P3	250	330	25 × 35	**7.51**	**6.26**
852-1432	LPX471M250C5P3	250	470	25 × 35	**7.27**	**6.48**
852-1462	LPX681M350H4P3	350	680	35 × 45	**19.72**	**18.11**
852-1466	LPX221M400C7P3	400	220	25 × 40	**6.88**	**6.12**
852-1468	LPX331M400E7P3	400	330	30 × 40	**10.09**	**9.16**
852-1472	LPX471M400H7P3	400	470	35 × 40	**15.78**	**14.34**
852-1484	LPX221M450E7P3	450	220	30 × 40	**10.81**	**9.83**
852-1490	LPX331M450H7P3	450	330	35 × 40	**13.03**	**11.83**
852-1494	LPX471M450H9P3	450	470	35 × 50	**16.32**	**14.82**