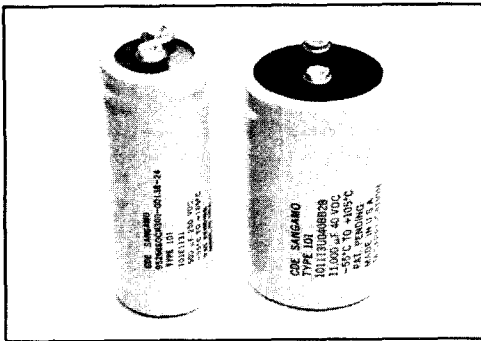


Wide Temperature - Military Grade Type 101-Military Standard/Type 101X-Max Capacitance



Designed for military power supply filters, the wide temperature range and ultra-low ESRs of type 101 aluminum electrolytic capacitors make them the right choice for many tough filter applications. They are the commercial equivalent of military specification MIL-C-39018/04,06,10 where lower ESR, high ripple current and increased temperature range is required.

Thermal Pack™ construction assures cool operation and long life. See Page 2.

Performance Highlights:

- Capacitance 150 uF to 1,000,000 uF
- Voltage 6.3 Vdc to 250 Vdc
- Operating Temperature -55°C to +105°C
- 2000 hours load life test at +105°C
- 2000 hours full-ripple life test at +85°C
- 500 hours shelf life test at +105°C
- Standard Capacitance Tolerances
 - < 150 Vdc -10 to +75%
 - ≥ 150 Vdc -10 to +50%
- Leakage current ≤ 0.002 CV uA (4 mA max)

Ratings:

| Capacitance uF | ESR Max ohms | | Ripple amps 85°C | | Nominal Case Size D x L (inches) | Catalog Number |
|-------------------------------|-----------------|--------|---------------------|-------|--|-------------------|
| | 120 Hz | 20 kHz | 120Hz | 20kHz | | |
| 6.3 Vdc — 9 Vdc Surge | | | | | | |
| 20000 | 0.0440 | 0.0280 | 7.8 | 11.6 | 1½ x 1½ | 101203U6R3AK2B |
| 30000 | 0.0300 | 0.0190 | 10.1 | 14.7 | 1½ x 2½ | 101303U6R3AA2B |
| 32000 | 0.0440 | 0.0280 | 7.8 | 11.6 | 1½ x 1½ | 101X323U6R3AK2B |
| 43000 | 0.0210 | 0.0140 | 12.5 | 17.7 | 1½ x 2½ | 101433U6R3AH2B |
| 48000 | 0.0300 | 0.0190 | 10.1 | 14.7 | 1½ x 2½ | 101X483U6R3AA2B |
| 57000 | 0.0170 | 0.0110 | 14.2 | 19.7 | 1½ x 3½ | 101573U6R3AB2B |
| 69000 | 0.0210 | 0.0140 | 12.5 | 17.7 | 1½ x 2½ | 101X693U6R3AH2B |
| 83000 | 0.0120 | 0.0082 | 16.7 | 22.1 | 1½ x 4½ | 101833U6R3AC2B |
| 90000 | 0.0170 | 0.0110 | 14.2 | 19.7 | 1½ x 3½ | 101X903U6R3AB2B |
| 120000 | 0.0100 | 0.0068 | 22.1 | 27.6 | 2 x 3½ | 101124U6R3BB2B |
| 120000 | 0.0090 | 0.0065 | 18.5 | 23.0 | 1½ x 5½ | 101124U6R3AF2B |
| 130000 | 0.0120 | 0.0082 | 16.7 | 22.1 | 1½ x 4½ | 101X134U6R3AC2B |
| 140000 | 0.0091 | 0.0069 | 20.2 | 23.9 | 1¾ x 4½ | 101144U6R3EC2B |
| 180000 | 0.0065 | 0.0047 | 27.1 | 33.2 | 2 x 4½ | 101184U6R3BC2B |
| 180000 | 0.0100 | 0.0068 | 22.1 | 27.6 | 2 x 3½ | 101X184U6R3BB2B |
| 200000 | 0.0090 | 0.0065 | 18.5 | 23.0 | 1½ x 5½ | 101X204U6R3AF2B |
| 220000 | 0.0091 | 0.0069 | 20.2 | 23.9 | 1¾ x 4½ | 101X224U6R3EC2B |
| 270000 | 0.0047 | 0.0035 | 31.2 | 37.0 | 2 x 5½ | 101274U6R3BF2B |
| 280000 | 0.0065 | 0.0047 | 27.1 | 33.2 | 2 x 4½ | 101X284U6R3BC2B |
| 290000 | 0.0046 | 0.0036 | 36.1 | 41.8 | 2½ x 4½ | 101294U6R3CC2B |
| 400000 | 0.0044 | 0.0037 | 38.0 | 41.1 | 3 x 4½ | 101404U6R3DC2B |
| 430000 | 0.0047 | 0.0035 | 31.2 | 37.0 | 2 x 5½ | 101X434U6R3BF2B |
| 440000 | 0.0033 | 0.0027 | 42.1 | 47.7 | 2½ x 5½ | 101444U6R3CF2B |
| 460000 | 0.0046 | 0.0036 | 36.1 | 41.8 | 2½ x 4½ | 101X464U6R3CC2B |
| 530000 | 0.0035 | 0.0030 | 43.0 | 46.3 | 3 x 5½ | 101534U6R3DE2B |
| 600000 | 0.0032 | 0.0028 | 44.9 | 48.1 | 3 x 5½ | 101604U6R3DF2B |
| 630000 | 0.0031 | 0.0027 | 45.3 | 48.5 | 3 x 5½ | 101634U6R3DP2B |
| 630000 | 0.0044 | 0.0037 | 38.0 | 41.1 | 3 x 4½ | 101X634U6R3DC2B |
| 690000 | 0.0033 | 0.0027 | 42.1 | 47.7 | 2½ x 5½ | 101X694U6R3CF2B |
| 850000 | 0.0035 | 0.0030 | 43.0 | 46.3 | 3 x 5½ | 101X854U6R3DE2B |
| 960000 | 0.0032 | 0.0028 | 44.9 | 48.1 | 3 x 5½ | 101X964U6R3DF2B |
| 1000000 | 0.0031 | 0.0027 | 45.3 | 48.5 | 3 x 5½ | 101X105U6R3DP2B |
| 7.5 Vdc — 10 Vdc Surge | | | | | | |
| 17000 | 0.0450 | 0.0280 | 7.8 | 11.6 | 1½ x 1½ | 101173U7R5AK2B |
| 26000 | 0.0300 | 0.0190 | 10.0 | 14.7 | 1½ x 2½ | 101263U7R5AA2B |
| 29000 | 0.0450 | 0.0280 | 7.8 | 11.6 | 1½ x 1½ | 101X293U7R5AK2B |
| 37000 | 0.0210 | 0.0140 | 12.3 | 17.7 | 1½ x 2½ | 101373U7R5AH2B |

| Capacitance uF | ESR Max ohms | | Ripple amps 85°C | | Nominal Case Size D x L (inches) | Catalog Number |
|-------------------------------|-----------------|--------|---------------------|-------|--|-------------------|
| | 120 Hz | 20 kHz | 120Hz | 20kHz | | |
| 7.5 Vdc — 10 Vdc Surge | | | | | | |
| 43000 | 0.0300 | 0.0190 | 10.0 | 14.7 | 1½ x 2½ | 101X433U7R5AA2B |
| 49000 | 0.0170 | 0.0110 | 14.1 | 19.7 | 1½ x 3½ | 101493U7R5AB2B |
| 62000 | 0.0210 | 0.0140 | 12.3 | 17.7 | 1½ x 2½ | 101X623U7R5AH2B |
| 72000 | 0.0120 | 0.0082 | 16.5 | 22.1 | 1½ x 4½ | 101723U7R5AC2B |
| 81000 | 0.0170 | 0.0110 | 14.1 | 19.7 | 1½ x 3½ | 101X813U7R5AB2B |
| 100000 | 0.0100 | 0.0068 | 22.0 | 27.6 | 2 x 3½ | 101104U7R5BB2B |
| 110000 | 0.0091 | 0.0065 | 18.3 | 23.0 | 1½ x 5½ | 101114U7R5AF2B |
| 120000 | 0.0092 | 0.0069 | 20.1 | 23.9 | 1¾ x 4½ | 101124U7R5EC2B |
| 120000 | 0.0120 | 0.0082 | 16.5 | 22.1 | 1½ x 4½ | 101X124U7R5AC2B |
| 150000 | 0.0066 | 0.0048 | 26.9 | 33.2 | 2 x 4½ | 101154U7R5BC2B |
| 170000 | 0.0100 | 0.0068 | 22.0 | 27.6 | 2 x 3½ | 101X174U7R5BB2B |
| 180000 | 0.0091 | 0.0065 | 18.3 | 23.0 | 1½ x 5½ | 101X184U7R5AF2B |
| 200000 | 0.0092 | 0.0069 | 20.1 | 23.9 | 1¾ x 4½ | 101X204U7R5EC2B |
| 230000 | 0.0047 | 0.0035 | 31.0 | 37.0 | 2 x 5½ | 101234U7R5BF2B |
| 250000 | 0.0047 | 0.0036 | 35.9 | 41.8 | 2½ x 4½ | 101254U7R5CC2B |
| 250000 | 0.0066 | 0.0048 | 26.9 | 33.2 | 2 x 4½ | 101X254U7R5BC2B |
| 350000 | 0.0045 | 0.0038 | 37.8 | 41.1 | 3 x 4½ | 101354U7R5DC2B |
| 380000 | 0.0034 | 0.0027 | 41.9 | 47.7 | 2½ x 5½ | 101384U7R5CF2B |
| 390000 | 0.0047 | 0.0035 | 31.0 | 37.0 | 2 x 5½ | 101X394U7R5BF2B |
| 410000 | 0.0047 | 0.0036 | 35.9 | 41.8 | 2½ x 4½ | 101X414U7R5CC2B |
| 470000 | 0.0036 | 0.0031 | 42.9 | 46.3 | 3 x 5½ | 101474U7R5DE2B |
| 530000 | 0.0033 | 0.0028 | 44.8 | 48.1 | 3 x 5½ | 101534U7R5DF2B |
| 550000 | 0.0032 | 0.0028 | 45.2 | 48.5 | 3 x 5½ | 101554U7R5DP2B |
| 580000 | 0.0045 | 0.0038 | 37.8 | 41.1 | 3 x 4½ | 101X584U7R5DC2B |
| 630000 | 0.0034 | 0.0027 | 41.9 | 47.7 | 2½ x 5½ | 101X634U7R5CF2B |
| 780000 | 0.0036 | 0.0031 | 42.9 | 46.3 | 3 x 5½ | 101X784U7R5DE2B |
| 880000 | 0.0033 | 0.0028 | 44.8 | 48.1 | 3 x 5½ | 101X884U7R5DF2B |
| 920000 | 0.0032 | 0.0028 | 45.2 | 48.5 | 3 x 5½ | 101X924U7R5DP2B |
| 10 Vdc — 15 Vdc Surge | | | | | | |
| 14000 | 0.0450 | 0.0280 | 7.8 | 11.6 | 1½ x 1½ | 101143U010AK2B |
| 22000 | 0.0300 | 0.0190 | 10.0 | 14.7 | 1½ x 2½ | 101223U010AA2B |
| 25000 | 0.0450 | 0.0280 | 7.8 | 11.6 | 1½ x 1½ | 101X253U010AK2B |
| 31000 | 0.0210 | 0.0140 | 12.3 | 17.6 | 1½ x 2½ | 101313U010AH2B |
| 38000 | 0.0300 | 0.0190 | 10.0 | 14.7 | 1½ x 2½ | 101X383U010AA2B |
| 41000 | 0.0170 | 0.0110 | 14.1 | 19.7 | 1½ x 3½ | 101413U010AB2B |
| 55000 | 0.0210 | 0.0140 | 12.3 | 17.6 | 1½ x 2½ | 101X553U010AH2B |
| 60000 | 0.0120 | 0.0082 | 16.5 | 22.1 | 1½ x 4½ | 101603U010AC2B |

SCREW TERMINAL CAPACITORS

| Capacitance uF | ESR Max ohms | | Ripple amps 85°C | | Nominal Case Size D x L (inches) | Catalog Number |
|------------------------------|-----------------|--------|---------------------|-------|--|-------------------|
| | 120 Hz | 20 kHz | 120Hz | 20kHz | | |
| 10 Vdc — 15 Vdc Surge | | | | | | |
| 71000 | 0.0170 | 0.0110 | 14.1 | 19.7 | 1 3/4 x 3 1/2 | 101X713U010AB2B |
| 83000 | 0.0100 | 0.0068 | 22.0 | 27.6 | 2 x 3 1/2 | 101833U010BB2B |
| 89000 | 0.0091 | 0.0065 | 18.3 | 23.0 | 1 3/4 x 5 1/2 | 101893U010AF2B |
| 99000 | 0.0093 | 0.0069 | 20.1 | 23.9 | 1 3/4 x 4 1/2 | 101993U010EC2B |
| 100000 | 0.0120 | 0.0082 | 16.5 | 22.1 | 1 3/4 x 4 1/2 | 101X104U010AC2B |
| 130000 | 0.0066 | 0.0048 | 26.9 | 33.1 | 2 x 4 1/2 | 101134U010BC2B |
| 150000 | 0.0100 | 0.0068 | 22.0 | 27.6 | 2 x 3 1/2 | 101X154U010BB2B |
| 160000 | 0.0091 | 0.0065 | 18.3 | 23.0 | 1 3/4 x 5 1/2 | 101X164U010AF2B |
| 170000 | 0.0093 | 0.0069 | 20.1 | 23.9 | 1 3/4 x 4 1/2 | 101X174U010EC2B |
| 190000 | 0.0047 | 0.0035 | 31.0 | 37.0 | 2 x 5 1/2 | 101194U010BF2B |
| 210000 | 0.0047 | 0.0036 | 35.9 | 41.8 | 2 1/2 x 4 1/2 | 101214U010CC2B |
| 220000 | 0.0066 | 0.0048 | 26.9 | 33.1 | 2 x 4 1/2 | 101X224U010BC2B |
| 300000 | 0.0045 | 0.0038 | 37.8 | 41.1 | 3 x 4 1/2 | 101304U010DC2B |
| 320000 | 0.0034 | 0.0027 | 41.9 | 47.7 | 2 1/2 x 5 1/2 | 101324U010CF2B |
| 340000 | 0.0047 | 0.0035 | 31.0 | 37.0 | 2 x 5 1/2 | 101X344U010BF2B |
| 360000 | 0.0047 | 0.0036 | 35.9 | 41.8 | 2 1/2 x 4 1/2 | 101X364U010CC2B |
| 400000 | 0.0036 | 0.0031 | 42.9 | 46.2 | 3 x 5 1/2 | 101404U010DE2B |
| 450000 | 0.0033 | 0.0029 | 44.8 | 48.0 | 3 x 5 1/2 | 101454U010DF2B |
| 470000 | 0.0032 | 0.0028 | 45.2 | 48.5 | 3 x 5 1/2 | 101474U010DP2B |
| 520000 | 0.0045 | 0.0038 | 37.8 | 41.1 | 3 x 4 1/2 | 101X524U010DC2B |
| 550000 | 0.0034 | 0.0027 | 41.9 | 47.7 | 2 1/2 x 5 1/2 | 101X554U010CF2B |
| 700000 | 0.0036 | 0.0031 | 42.9 | 46.2 | 3 x 5 1/2 | 101X704U010DE2B |
| 790000 | 0.0033 | 0.0029 | 44.8 | 48.0 | 3 x 5 1/2 | 101X794U010DF2B |
| 820000 | 0.0032 | 0.0028 | 45.2 | 48.5 | 3 x 5 1/2 | 101X824U010DP2B |
| 16 Vdc — 25Vdc Surge | | | | | | |
| 9800 | 0.0460 | 0.0280 | 7.6 | 11.5 | 1 3/4 x 1 1/2 | 101982U016AK2B |
| 15000 | 0.0310 | 0.0190 | 9.8 | 14.6 | 1 3/4 x 2 1/2 | 101153U016AA2B |
| 17000 | 0.0460 | 0.0280 | 7.6 | 11.5 | 1 3/4 x 1 1/2 | 101X173U016AK2B |
| 21000 | 0.0220 | 0.0140 | 12.1 | 17.6 | 1 3/4 x 2 1/2 | 101213U016AH2B |
| 25000 | 0.0310 | 0.0190 | 9.8 | 14.6 | 1 3/4 x 2 1/2 | 101X253U016AA2B |
| 28000 | 0.0170 | 0.0110 | 13.9 | 19.6 | 1 3/4 x 3 1/2 | 101283U016AB2B |
| 36000 | 0.0220 | 0.0140 | 12.1 | 17.6 | 1 3/4 x 2 1/2 | 101X363U016AH2B |
| 41000 | 0.0120 | 0.0082 | 16.3 | 22.0 | 1 3/4 x 4 1/2 | 101413U016AC2B |
| 47000 | 0.0170 | 0.0110 | 13.9 | 19.6 | 1 3/4 x 3 1/2 | 101X473U016AB2B |
| 57000 | 0.0100 | 0.0069 | 21.7 | 27.6 | 2 x 3 1/2 | 101573U016BB2B |
| 61000 | 0.0093 | 0.0065 | 18.1 | 23.0 | 1 3/4 x 5 1/2 | 101613U016AF2B |
| 68000 | 0.0095 | 0.0070 | 19.9 | 23.8 | 1 3/4 x 4 1/2 | 101683U016EC2B |
| 69000 | 0.0120 | 0.0082 | 16.3 | 22.0 | 1 3/4 x 4 1/2 | 101X693U016AC2B |
| 87000 | 0.0067 | 0.0048 | 26.7 | 33.1 | 2 x 4 1/2 | 101873U016BC2B |
| 96000 | 0.0100 | 0.0069 | 21.7 | 27.6 | 2 x 3 1/2 | 101X963U016BB2B |
| 100000 | 0.0093 | 0.0065 | 18.1 | 23.0 | 1 3/4 x 5 1/2 | 101X104U016AF2B |
| 110000 | 0.0095 | 0.0070 | 19.9 | 23.8 | 1 3/4 x 4 1/2 | 101X114U016EC2B |
| 130000 | 0.0048 | 0.0035 | 30.7 | 37.0 | 2 x 5 1/2 | 101134U016BF2B |
| 140000 | 0.0048 | 0.0036 | 35.6 | 41.7 | 2 1/2 x 4 1/2 | 101144U016CC2B |
| 150000 | 0.0067 | 0.0048 | 26.7 | 33.1 | 2 x 4 1/2 | 101X154U016BC2B |
| 210000 | 0.0047 | 0.0039 | 37.7 | 41.0 | 3 x 4 1/2 | 101214U016DC2B |
| 220000 | 0.0035 | 0.0027 | 41.6 | 47.6 | 2 1/2 x 5 1/2 | 101224U016CF2B |
| 220000 | 0.0048 | 0.0035 | 30.7 | 37.0 | 2 x 5 1/2 | 101X224U016BF2B |
| 240000 | 0.0048 | 0.0036 | 35.6 | 41.7 | 2 1/2 x 4 1/2 | 101X244U016CC2B |
| 280000 | 0.0037 | 0.0032 | 42.7 | 46.2 | 3 x 5 1/2 | 101284U016DE2B |
| 320000 | 0.0034 | 0.0029 | 44.6 | 48.0 | 3 x 5 1/2 | 101324U016DF2B |
| 330000 | 0.0033 | 0.0028 | 45.0 | 48.5 | 3 x 5 1/2 | 101334U016DP2B |
| 350000 | 0.0047 | 0.0039 | 37.7 | 41.0 | 3 x 4 1/2 | 101X354U016DC2B |
| 370000 | 0.0035 | 0.0027 | 41.6 | 47.6 | 2 1/2 x 5 1/2 | 101X374U016CF2B |
| 470000 | 0.0037 | 0.0032 | 42.7 | 46.2 | 3 x 5 1/2 | 101X474U016DE2B |
| 530000 | 0.0034 | 0.0029 | 44.6 | 48.0 | 3 x 5 1/2 | 101X534U016DF2B |
| 560000 | 0.0033 | 0.0028 | 45.0 | 48.5 | 3 x 5 1/2 | 101X564U016DP2B |
| 20 Vdc — 30 Vdc Surge | | | | | | |
| 8100 | 0.0460 | 0.0280 | 7.6 | 11.5 | 1 3/4 x 1 1/2 | 101812U020AK2B |
| 12000 | 0.0310 | 0.0190 | 9.8 | 14.6 | 1 3/4 x 2 1/2 | 101123U020AA2B |
| 13000 | 0.0460 | 0.0280 | 7.6 | 11.5 | 1 3/4 x 1 1/2 | 101X133U020AA2B |
| 18000 | 0.0220 | 0.0140 | 12.1 | 17.6 | 1 3/4 x 2 1/2 | 101183U020AH2B |
| 20000 | 0.0310 | 0.0190 | 9.8 | 14.6 | 1 3/4 x 2 1/2 | 101X203U020AA2B |
| 23000 | 0.0170 | 0.0110 | 13.8 | 19.6 | 1 3/4 x 3 1/2 | 101233U020AB2B |
| 28000 | 0.0220 | 0.0140 | 12.1 | 17.6 | 1 3/4 x 2 1/2 | 101X283U020AH2B |
| 34000 | 0.0120 | 0.0082 | 16.2 | 22.0 | 1 3/4 x 4 1/2 | 101343U020AC2B |
| 37000 | 0.0170 | 0.0110 | 13.8 | 19.6 | 1 3/4 x 3 1/2 | 101X373U020AB2B |
| 47000 | 0.0100 | 0.0069 | 21.7 | 27.5 | 2 x 3 1/2 | 101473U020BB2B |
| 50000 | 0.0094 | 0.0065 | 18.1 | 22.9 | 1 3/4 x 5 1/2 | 101503U020AF2B |
| 54000 | 0.0120 | 0.0082 | 16.2 | 22.0 | 1 3/4 x 4 1/2 | 101X543U020AC2B |
| 56000 | 0.0100 | 0.0070 | 19.9 | 23.8 | 1 3/4 x 4 1/2 | 101563U020EC2B |
| 72000 | 0.0068 | 0.0048 | 26.6 | 33.1 | 2 x 4 1/2 | 101723U020BC2B |

| Capacitance uF | ESR Max ohms | | Ripple amps 85°C | | Nominal Case Size D x L (inches) | Catalog Number |
|------------------------------|-----------------|--------|---------------------|-------|--|-------------------|
| | 120 Hz | 20 kHz | 120Hz | 20kHz | | |
| 20 Vdc — 30 Vdc Surge | | | | | | |
| 75000 | 0.0100 | 0.0069 | 21.7 | 27.5 | 2 x 3 1/2 | 101X753U020BB2B |
| 80000 | 0.0094 | 0.0065 | 18.1 | 22.9 | 1 3/4 x 5 1/2 | 101X803U020AF2B |
| 90000 | 0.0100 | 0.0070 | 19.9 | 23.8 | 1 3/4 x 4 1/2 | 101X903U020EC2B |
| 110000 | 0.0048 | 0.0035 | 30.6 | 36.9 | 2 x 5 1/2 | 101114U020BF2B |
| 120000 | 0.0048 | 0.0036 | 35.5 | 41.7 | 2 1/2 x 4 1/2 | 101124U020CC2B |
| 120000 | 0.0068 | 0.0048 | 26.6 | 33.1 | 2 x 4 1/2 | 101X124U020BC2B |
| 170000 | 0.0048 | 0.0040 | 37.6 | 41.0 | 3 x 4 1/2 | 101174U020DC2B |
| 180000 | 0.0035 | 0.0027 | 41.5 | 47.6 | 2 1/2 x 5 1/2 | 101184U020CF2B |
| 180000 | 0.0048 | 0.0035 | 30.6 | 36.9 | 2 x 5 1/2 | 101X184U020BF2B |
| 190000 | 0.0048 | 0.0036 | 35.5 | 41.7 | 2 1/2 x 4 1/2 | 101X194U020CC2B |
| 230000 | 0.0038 | 0.0032 | 42.7 | 46.2 | 3 x 5 1/2 | 101234U020DE2B |
| 260000 | 0.0035 | 0.0030 | 44.5 | 48.0 | 3 x 5 1/2 | 101264U020DF2B |
| 280000 | 0.0034 | 0.0029 | 45.0 | 48.5 | 3 x 5 1/2 | 101284U020DP2B |
| 280000 | 0.0048 | 0.0040 | 37.6 | 41.0 | 3 x 4 1/2 | 101X284U020DC2B |
| 290000 | 0.0035 | 0.0027 | 41.5 | 47.6 | 2 1/2 x 5 1/2 | 101X294U020CF2B |
| 380000 | 0.0038 | 0.0032 | 42.7 | 46.2 | 3 x 5 1/2 | 101X384U020DE2B |
| 420000 | 0.0035 | 0.0030 | 44.5 | 48.0 | 3 x 5 1/2 | 101X424U020DF2B |
| 440000 | 0.0034 | 0.0029 | 45.0 | 48.5 | 3 x 5 1/2 | 101X444U020DP2B |
| 25 Vdc — 40 Vdc Surge | | | | | | |
| 6400 | 0.0460 | 0.0290 | 7.5 | 11.4 | 1 3/4 x 1 1/2 | 101642U025AK2B |
| 8600 | 0.0460 | 0.0290 | 7.5 | 11.4 | 1 3/4 x 1 1/2 | 101X862U025AK2B |
| 9600 | 0.0310 | 0.0200 | 9.7 | 14.4 | 1 3/4 x 2 1/2 | 101962U025AA2B |
| 13000 | 0.0310 | 0.0200 | 9.7 | 14.4 | 1 3/4 x 2 1/2 | 101X133U025AA2B |
| 14000 | 0.0220 | 0.0140 | 12.0 | 17.4 | 1 3/4 x 2 1/2 | 101143U025AH2B |
| 18000 | 0.0170 | 0.0110 | 13.7 | 19.4 | 1 3/4 x 3 1/2 | 101183U025AB2B |
| 19000 | 0.0220 | 0.0140 | 12.0 | 17.4 | 1 3/4 x 2 1/2 | 101X193U025AH2B |
| 24000 | 0.0170 | 0.0110 | 13.7 | 19.4 | 1 3/4 x 3 1/2 | 101X243U025AB2B |
| 27000 | 0.0130 | 0.0083 | 16.2 | 21.8 | 1 3/4 x 4 1/2 | 101273U025AC2B |
| 36000 | 0.0130 | 0.0083 | 16.2 | 21.8 | 1 3/4 x 4 1/2 | 101X363U025AC2B |
| 37000 | 0.0100 | 0.0069 | 21.5 | 27.4 | 2 x 3 1/2 | 101373U025BB2B |
| 40000 | 0.0094 | 0.0066 | 18.0 | 22.8 | 1 3/4 x 5 1/2 | 101403U025AF2B |
| 45000 | 0.0100 | 0.0071 | 19.8 | 23.7 | 1 3/4 x 4 1/2 | 101453U025EC2B |
| 50000 | 0.0100 | 0.0069 | 21.5 | 27.4 | 2 x 3 1/2 | 101X503U025BB2B |
| 53000 | 0.0094 | 0.0066 | 18.0 | 22.8 | 1 3/4 x 5 1/2 | 101X533U025AF2B |
| 57000 | 0.0068 | 0.0048 | 26.4 | 32.9 | 2 x 4 1/2 | 101573U025BC2B |
| 59000 | 0.0100 | 0.0071 | 19.8 | 23.7 | 1 3/4 x 4 1/2 | 101X593U025EC2B |
| 76000 | 0.0068 | 0.0048 | 26.4 | 32.9 | 2 x 4 1/2 | 101X763U025BC2B |
| 87000 | 0.0049 | 0.0036 | 30.5 | 36.8 | 2 x 5 1/2 | 101873U025BF2B |
| 94000 | 0.0049 | 0.0037 | 35.4 | 41.5 | 2 1/2 x 4 1/2 | 101943U025CC2B |
| 120000 | 0.0049 | 0.0036 | 30.5 | 36.8 | 2 x 5 1/2 | 101X124U025BF2B |
| 130000 | 0.0049 | 0.0037 | 35.4 | 41.5 | 2 1/2 x 4 1/2 | 101X134U025CC2B |
| 140000 | 0.0035 | 0.0027 | 41.3 | 47.4 | 2 1/2 x 5 1/2 | 101144U025CF2B |
| 140000 | 0.0048 | 0.0040 | 37.5 | 40.9 | 3 x 4 1/2 | 101144U025DC2B |
| 190000 | 0.0035 | 0.0027 | 41.3 | 47.4 | 2 1/2 x 5 1/2 | 101X194U025CF2B |
| 190000 | 0.0038 | 0.0032 | 42.6 | 46.1 | 3 x 5 1/2 | 101194U025DE2B |
| 190000 | 0.0048 | 0.0040 | 37.5 | 40.9 | 3 x 4 1/2 | 101X194U025DC2B |
| 210000 | 0.0035 | 0.0030 | 44.4 | 47.9 | 3 x 5 1/2 | 101214U025DF2B |
| 220000 | 0.0034 | 0.0029 | 44.9 | 48.4 | 3 x 5 1/2 | 101224U025DP2B |
| 250000 | 0.0038 | 0.0032 | 42.6 | 46.1 | 3 x 5 1/2 | 101X254U025DE2B |
| 280000 | 0.0035 | 0.0030 | 44.4 | 47.9 | 3 x 5 1/2 | 101X284U025DF2B |
| 290000 | 0.0034 | 0.0029 | 44.9 | 48.4 | 3 x 5 1/2 | 101X294U025DP2B |
| 30 Vdc — 45 Vdc Surge | | | | | | |
| 5800 | 0.0470 | 0.0310 | 7.2 | 9.9 | 1 3/4 x 1 1/2 | 101582U030AK2B |
| 7300 | 0.0470 | 0.0310 | 7.2 | 9.9 | 1 3/4 x 1 1/2 | 101X732U030AK2B |
| 8700 | 0.0320 | 0.0210 | 9.3 | 12.6 | 1 3/4 x 2 1/2 | 101872U030AA2B |
| 11000 | 0.0320 | 0.0210 | 9.3 | 12.6 | 1 3/4 x 2 1/2 | 101X113U030AA2B |
| 13000 | 0.0220 | 0.0150 | 11.5 | 15.3 | 1 3/4 x 2 1/2 | 101133U030AH2B |
| 16000 | 0.0180 | 0.0120 | 13.2 | 17.3 | 1 3/4 x 3 1/2 | 101163U030AB2B |
| 16000 | 0.0220 | 0.0150 | 11.5 | 15.3 | 1 3/4 x 2 1/2 | 101X163U030AH2B |
| 21000 | 0.0180 | 0.0120 | 13.2 | 17.3 | 1 3/4 x 3 1/2 | 101X213U030AB2B |
| 24000 | 0.0130 | 0.0089 | 15.6 | 19.8 | 1 3/4 x 4 1/2 | 101243U030AC2B |
| 30000 | 0.0130 | 0.0089 | 15.6 | 19.8 | 1 3/4 x 4 1/2 | 101X303U030AC2B |
| 34000 | 0.0110 | 0.0081 | 19.7 | 23.4 | 2 x 3 1/2 | 101343U030BB2B |
| 36000 | 0.0100 | 0.0069 | 17.5 | 21.2 | 1 3/4 x 5 1/2 | 101363U030AF2B |
| 40000 | 0.0110 | | | | | |

SCREW TERMINAL CAPACITORS

| Capacitance uF | ESR Max ohms | | Ripple amps 85°C | | Nominal Case Size D x L (inches) | Catalog Number |
|------------------------------|-----------------|--------|---------------------|-------|--|-------------------|
| | 120 Hz | 20 kHz | 120Hz | 20kHz | | |
| 30 Vdc — 45 Vdc Surge | | | | | | |
| 99000 | 0.0053 | 0.0041 | 28.4 | 32.6 | 2 x 5% | 101X993U030BF2B |
| 110000 | 0.0055 | 0.0044 | 31.9 | 35.8 | 2½ x 4% | 101X114U030CC2B |
| 130000 | 0.0039 | 0.0032 | 37.8 | 41.7 | 2½ x 5% | 101134U030CF2B |
| 130000 | 0.0060 | 0.0052 | 32.8 | 34.8 | 3 x 4% | 101134U030DC2B |
| 160000 | 0.0039 | 0.0032 | 37.8 | 41.7 | 2½ x 5% | 101X164U030CF2B |
| 160000 | 0.0060 | 0.0052 | 32.8 | 34.8 | 3 x 4% | 101X164U030DC2B |
| 170000 | 0.0047 | 0.0041 | 37.6 | 39.7 | 3 x 5% | 101174U030DE2B |
| 190000 | 0.0043 | 0.0038 | 39.4 | 41.5 | 3 x 5% | 101194U030DF2B |
| 200000 | 0.0041 | 0.0037 | 39.9 | 42.0 | 3 x 5% | 101204U030DP2B |
| 210000 | 0.0047 | 0.0041 | 37.6 | 39.7 | 3 x 5% | 101X214U030DE2B |
| 240000 | 0.0043 | 0.0038 | 39.4 | 41.5 | 3 x 5% | 101X244U030DF2B |
| 250000 | 0.0041 | 0.0037 | 39.9 | 42.0 | 3 x 5% | 101X254U030DP2B |
| 40 Vdc — 55 Vdc Surge | | | | | | |
| 4200 | 0.0500 | 0.0310 | 6.9 | 9.7 | 1% x 1% | 101422U040AK2B |
| 5300 | 0.0500 | 0.0310 | 6.9 | 9.7 | 1% x 1% | 101X532U040AK2B |
| 6200 | 0.0340 | 0.0210 | 8.9 | 12.5 | 1% x 2% | 101622U040AA2B |
| 7900 | 0.0340 | 0.0210 | 8.9 | 12.5 | 1% x 2% | 101X792U040AA2B |
| 9000 | 0.0240 | 0.0150 | 11.0 | 15.2 | 1% x 2% | 101902U040AH2B |
| 11000 | 0.0240 | 0.0150 | 11.0 | 15.2 | 1% x 2% | 101X113U040AH2B |
| 12000 | 0.0190 | 0.0120 | 12.6 | 17.1 | 1% x 3% | 101123U040AB2B |
| 15000 | 0.0190 | 0.0120 | 12.6 | 17.1 | 1% x 3% | 101X153U040AB2B |
| 17000 | 0.0130 | 0.0090 | 15.0 | 19.6 | 1% x 4% | 101173U040AC2B |
| 22000 | 0.0130 | 0.0090 | 15.0 | 19.6 | 1% x 4% | 101X223U040AC2B |
| 24000 | 0.0110 | 0.0082 | 19.2 | 23.3 | 2 x 3% | 101243U040BB2B |
| 26000 | 0.0100 | 0.0070 | 16.9 | 21.1 | 1% x 5% | 101263U040AF2B |
| 29000 | 0.0110 | 0.0086 | 17.5 | 20.3 | 1% x 4% | 101293U040EC2B |
| 30000 | 0.0110 | 0.0082 | 19.2 | 23.3 | 2 x 3% | 101X303U040BB2B |
| 32000 | 0.0100 | 0.0070 | 16.9 | 21.1 | 1% x 5% | 101X323U040AF2B |
| 37000 | 0.0078 | 0.0057 | 23.7 | 28.4 | 2 x 4% | 101373U040BC2B |
| 37000 | 0.0110 | 0.0086 | 17.5 | 20.3 | 1% x 4% | 101X373U040EC2B |
| 47000 | 0.0078 | 0.0057 | 23.7 | 28.4 | 2 x 4% | 101X473U040BC2B |
| 56000 | 0.0055 | 0.0041 | 27.7 | 32.5 | 2 x 5% | 101563U040BF2B |
| 61000 | 0.0057 | 0.0045 | 31.3 | 35.7 | 2½ x 4% | 101613U040CC2B |
| 71000 | 0.0055 | 0.0041 | 27.7 | 32.5 | 2 x 5% | 101X713U040BF2B |
| 77000 | 0.0057 | 0.0045 | 31.3 | 35.7 | 2½ x 4% | 101X773U040CC2B |
| 91000 | 0.0061 | 0.0053 | 32.4 | 34.7 | 3 x 4% | 101913U040DC2B |
| 93000 | 0.0041 | 0.0032 | 37.1 | 41.6 | 2½ x 5% | 101933U040CF2B |
| 110000 | 0.0061 | 0.0053 | 32.4 | 34.7 | 3 x 4% | 101X114U040DC2B |
| 120000 | 0.0041 | 0.0032 | 37.1 | 41.6 | 2½ x 5% | 101X124U040CF2B |
| 120000 | 0.0048 | 0.0041 | 37.2 | 39.6 | 3 x 5% | 101124U040DE2B |
| 140000 | 0.0042 | 0.0037 | 39.5 | 41.9 | 3 x 5% | 101144U040DP2B |
| 140000 | 0.0044 | 0.0038 | 39.0 | 41.4 | 3 x 5% | 101144U040DF2B |
| 150000 | 0.0048 | 0.0041 | 37.2 | 39.6 | 3 x 5% | 101X154U040DE2B |
| 170000 | 0.0044 | 0.0038 | 39.0 | 41.4 | 3 x 5% | 101X174U040DF2B |
| 180000 | 0.0042 | 0.0037 | 39.5 | 41.9 | 3 x 5% | 101X184U040DP2B |
| 50 Vdc — 75 Vdc Surge | | | | | | |
| 3400 | 0.0540 | 0.0320 | 6.5 | 9.6 | 1% x 1% | 101342U050AK2B |
| 3800 | 0.0540 | 0.0320 | 6.5 | 9.6 | 1% x 1% | 101X382U050AK2B |
| 5000 | 0.0370 | 0.0220 | 8.5 | 12.2 | 1% x 2% | 101502U050AA2B |
| 5700 | 0.0370 | 0.0220 | 8.5 | 12.2 | 1% x 2% | 101X572U050AA2B |
| 7300 | 0.0260 | 0.0160 | 10.5 | 14.9 | 1% x 2% | 101732U050AH2B |
| 8200 | 0.0260 | 0.0160 | 10.5 | 14.9 | 1% x 2% | 101X822U050AH2B |
| 9500 | 0.0200 | 0.0120 | 12.0 | 16.9 | 1% x 3% | 101952U050AB2B |
| 11000 | 0.0200 | 0.0120 | 12.0 | 16.9 | 1% x 3% | 101X113U050AB2B |
| 14000 | 0.0140 | 0.0091 | 14.4 | 19.4 | 1% x 4% | 101143U050AC2B |
| 16000 | 0.0140 | 0.0091 | 14.4 | 19.4 | 1% x 4% | 101X163U050AC2B |
| 19000 | 0.0120 | 0.0083 | 18.5 | 23.1 | 2 x 3% | 101193U050BB2B |
| 21000 | 0.0110 | 0.0071 | 16.3 | 20.9 | 1% x 5% | 101213U050AF2B |
| 22000 | 0.0120 | 0.0083 | 18.5 | 23.1 | 2 x 3% | 101X223U050BB2B |
| 23000 | 0.0110 | 0.0071 | 16.3 | 20.9 | 1% x 5% | 101X233U050AF2B |
| 23000 | 0.0120 | 0.0087 | 17.1 | 20.1 | 1% x 4% | 101233U050EC2B |
| 26000 | 0.0120 | 0.0087 | 17.1 | 20.1 | 1% x 4% | 101X263U050EC2B |
| 30000 | 0.0083 | 0.0057 | 22.9 | 28.2 | 2 x 4% | 101303U050BC2B |
| 33000 | 0.0083 | 0.0057 | 22.9 | 28.2 | 2 x 4% | 101X333U050BC2B |
| 45000 | 0.0058 | 0.0042 | 26.9 | 32.3 | 2 x 5% | 101453U050BF2B |
| 49000 | 0.0060 | 0.0045 | 30.5 | 35.5 | 2½ x 4% | 101493U050CC2B |
| 51000 | 0.0058 | 0.0042 | 26.9 | 32.3 | 2 x 5% | 10X513U050BF2B |
| 55000 | 0.0060 | 0.0045 | 30.5 | 35.5 | 2½ x 4% | 101X553U050CC2B |
| 73000 | 0.0063 | 0.0053 | 32.0 | 34.6 | 3 x 4% | 101733U050DC2B |
| 75000 | 0.0043 | 0.0033 | 36.3 | 41.4 | 2½ x 5% | 101753U050CF2B |
| 82000 | 0.0063 | 0.0053 | 32.0 | 34.6 | 3 x 4% | 101X823U050DC2B |
| 84000 | 0.0043 | 0.0033 | 36.3 | 41.4 | 2½ x 5% | 101X843U050CF2B |

| Capacitance uF | ESR Max ohms | | Ripple amps 85°C | | Nominal Case Size D x L (inches) | Catalog Number |
|-------------------------------|-----------------|--------|---------------------|-------|--|-------------------|
| | 120 Hz | 20 kHz | 120Hz | 20kHz | | |
| 50 Vdc — 75 Vdc Surge | | | | | | |
| 98000 | 0.0049 | 0.0042 | 36.7 | 39.5 | 3 x 5% | 101983U050DE2B |
| 110000 | 0.0045 | 0.0038 | 38.5 | 41.3 | 3 x 5% | 101114U050DF2B |
| 110000 | 0.0049 | 0.0042 | 36.7 | 39.5 | 3 x 5% | 101X114U050DE2B |
| 120000 | 0.0043 | 0.0037 | 39.0 | 41.8 | 3 x 5% | 101124U050DP2B |
| 120000 | 0.0045 | 0.0038 | 38.5 | 41.3 | 3 x 5% | 101X124U050DF2B |
| 130000 | 0.0043 | 0.0037 | 39.0 | 41.8 | 3 x 5% | 101X134U050DP2B |
| 63 Vdc — 85 Vdc Surge | | | | | | |
| 2300 | 0.0630 | 0.0330 | 6.0 | 9.4 | 1% x 1% | 101232U063AK2B |
| 2500 | 0.0630 | 0.0330 | 6.0 | 9.4 | 1% x 1% | 101X252U063AK2B |
| 3500 | 0.0420 | 0.0220 | 7.7 | 12.1 | 1% x 2% | 101352U063AA2B |
| 3700 | 0.0420 | 0.0220 | 7.7 | 12.1 | 1% x 2% | 101X372U063AA2B |
| 5000 | 0.0300 | 0.0160 | 9.6 | 14.7 | 1% x 2% | 101502U063AH2B |
| 5400 | 0.0300 | 0.0160 | 9.6 | 14.7 | 1% x 2% | 101X542U063AH2B |
| 6500 | 0.0230 | 0.0130 | 11.1 | 16.6 | 1% x 3% | 101652U063AB2B |
| 7000 | 0.0230 | 0.0130 | 11.1 | 16.6 | 1% x 3% | 101X702U063AB2B |
| 9600 | 0.0160 | 0.0093 | 13.3 | 19.2 | 1% x 4% | 101962U063AC2B |
| 10000 | 0.0160 | 0.0093 | 13.3 | 19.2 | 1% x 4% | 101X103U063AC2B |
| 13000 | 0.0140 | 0.0084 | 17.4 | 22.9 | 2 x 3% | 101133U063BB2B |
| 14000 | 0.0140 | 0.0084 | 17.4 | 22.9 | 2 x 3% | 101X143U063BB2B |
| 14000 | 0.0120 | 0.0072 | 15.2 | 20.7 | 1% x 5% | 101143U063AF2B |
| 15000 | 0.0120 | 0.0072 | 15.2 | 20.7 | 1% x 5% | 101X153U063AF2B |
| 16000 | 0.0130 | 0.0088 | 16.2 | 20.0 | 1% x 4% | 101163U063EC2B |
| 17000 | 0.0130 | 0.0088 | 16.2 | 20.0 | 1% x 4% | 101X173U063EC2B |
| 21000 | 0.0092 | 0.0058 | 21.6 | 28.0 | 2 x 4% | 101213U063BC2B |
| 22000 | 0.0092 | 0.0058 | 21.6 | 28.0 | 2 x 4% | 101X223U063BC2B |
| 31000 | 0.0064 | 0.0042 | 25.5 | 32.1 | 2 x 5% | 101313U063BF2B |
| 33000 | 0.0064 | 0.0042 | 25.5 | 32.1 | 2 x 5% | 101X333U063BF2B |
| 34000 | 0.0066 | 0.0046 | 29.2 | 35.3 | 2½ x 2% | 101343U063CC2B |
| 36000 | 0.0066 | 0.0046 | 29.2 | 35.3 | 2½ x 4% | 101X363U063CC2B |
| 51000 | 0.0067 | 0.0054 | 31.1 | 34.5 | 3 x 4% | 101513U063DC2B |
| 52000 | 0.0046 | 0.0033 | 34.8 | 41.3 | 2½ x 5% | 101523U063CF2B |
| 54000 | 0.0067 | 0.0054 | 31.1 | 34.5 | 3 x 4% | 101X543U063DC2B |
| 55000 | 0.0046 | 0.0033 | 34.8 | 41.3 | 2½ x 5% | 101X553U063CF2B |
| 68000 | 0.0052 | 0.0042 | 35.8 | 39.4 | 3 x 5% | 101683U063DE2B |
| 73000 | 0.0052 | 0.0042 | 35.8 | 39.4 | 3 x 5% | 101X733U063DE2B |
| 77000 | 0.0048 | 0.0039 | 37.6 | 41.3 | 3 x 5% | 101773U063DF2B |
| 81000 | 0.0046 | 0.0037 | 38.0 | 41.7 | 3 x 5% | 101813U063DP2B |
| 83000 | 0.0048 | 0.0039 | 37.6 | 41.3 | 3 x 5% | 101X833U063DF2B |
| 86000 | 0.0046 | 0.0037 | 38.0 | 41.7 | 3 x 5% | 101X863U063DP2B |
| 75 Vdc — 100 Vdc Surge | | | | | | |
| 1800 | 0.1100 | 0.0520 | 4.7 | 8.8 | 1% x 1% | 101182U075AK2B |
| 2000 | 0.1100 | 0.0520 | 4.7 | 8.8 | 1% x 1% | 101X202U075AK2B |
| 2700 | 0.0740 | 0.0350 | 6.1 | 11.3 | 1% x 2% | 101272U075AA2B |
| 3000 | 0.0740 | 0.0350 | 6.1 | 11.3 | 1% x 2% | 101X302U075AA2B |
| 3900 | 0.0520 | 0.0250 | 7.6 | 13.9 | 1% x 2% | 101392U075AH2B |
| 4400 | 0.0520 | 0.0250 | 7.6 | 13.9 | 1% x 2% | 101X442U075AH2B |
| 5100 | 0.0400 | 0.0190 | 8.8 | 15.7 | 1% x 3% | 101512U075AB2B |
| 5700 | 0.0400 | 0.0190 | 8.8 | 15.7 | 1% x 3% | 101X572U075AB2B |
| 7400 | 0.0280 | 0.0140 | 10.7 | 18.3 | 1% x 4% | 101742U075AC2B |
| 8400 | 0.0280 | 0.0140 | 10.7 | 18.3 | 1% x 4% | 101X842U075AC2B |
| 10000 | 0.0220 | 0.0120 | 14.5 | 22.4 | 2 x 3% | 101103U075BB2B |
| 11000 | 0.0200 | 0.0100 | 12.5 | 19.9 | 1% x 5% | 101113U075AF2B |
| 12000 | 0.0220 | 0.0120 | 14.5 | 22.4 | 2 x 3% | 101X123U075BB2B |
| 12000 | 0.0200 | 0.0100 | 12.5 | 19.9 | 1% x 5% | 101X123U075AF2B |
| 12000 | 0.0200 | 0.0110 | 14.0 | 19.8 | 1% x 4% | 101123U075EC2B |
| 14000 | 0.0200 | 0.0110 | 14.0 | 19.8 | 1% x 4% | 101X143U075EC2B |
| 16000 | 0.0150 | 0.0079 | 18.2 | 27.4 | 2 x 4% | 101163U075BC2B |
| 18000 | 0.0150 | 0.0079 | 18.2 | 27.4 | 2 x 4% | 101X183U075BC2B |
| 24000 | 0.0100 | 0.0056 | 21.7 | 31.5 | 2 x 5% | 101243U075BF2B |
| 26000 | 0.0100 | 0.0058 | 25.4 | 35.0 | 2½ x 4% | 101263U075CC2B |
| 27000 | 0.0100 | 0.0056 | 21.7 | 31.5 | 2 x 5% | 101X273U075BF2B |
| 30000 | 0.0100 | 0.0058 | 25.4 | 35.0 | 2½ x 4% | 101X303U075CC2B |
| 39000 | 0.0088 | 0.0061 | 28.8 | 34.8 | 3 x 4% | 101393U075DC2B |
| 40000 | 0.0068 | 0.0041 | 30.6 | 41.0 | 2½ x 5% | 101403U075CF2B |
| 44000 | 0.0088 | 0.0061 | 28.8 | 34.8 | 3 x 4% | 101X443U075DC2B |
| 45000 | 0.0068 | 0.0041 | 30.6 | 41.0 | 2½ x 5% | 101X453U075CF2B |
| 53000 | 0.0067 | 0.0047 | 33.2 | 39.7 | 3 x 5% | 101533U075DF2B |
| 59000 | 0.0067 | 0.0047 | 33.2 | 39.7 | 3 x 5% | 101X593U075DF2B |
| 60000 | 0.0061 | 0.0043 | 34.9 | 41.5 | 3 x 5% | 101603U075DF2B |
| 62000 | 0.0059 | 0.0042 | 35.4 | 42.0 | 3 x 5% | 101623U075DP2B |
| 67000 | 0.0061 | 0.0043 | 34.9 | 41.5 | 3 x 5% | 101X673U075DF2B |
| 70000 | 0.0059 | 0.0042 | 35.4 | 42.0 | 3 x 5% | 101X703U075DP2B |

SCREW TERMINAL CAPACITORS

| Capacitance uF | ESR Max ohms | | Ripple amps 85°C | | Nominal Case Size D x L (inches) | Catalog Number |
|--------------------------------|-----------------|--------|---------------------|-------|--|-------------------|
| | 120 Hz | 20 kHz | 120Hz | 20kHz | | |
| 100 Vdc — 150 Vdc Surge | | | | | | |
| 810 | 0.1300 | 0.0530 | 4.2 | 8.6 | 1 1/2 x 1 1/2 | 101811U100AK2B |
| 1200 | 0.0880 | 0.0360 | 5.4 | 11.0 | 1 1/2 x 2 1/2 | 101122U100AA2B |
| 1200 | 0.1300 | 0.0530 | 4.2 | 8.6 | 1 1/2 x 1 1/2 | 101X122U100AK2B |
| 1800 | 0.0620 | 0.0250 | 6.8 | 13.5 | 1 1/2 x 2 1/2 | 101182U100AH2B |
| 1800 | 0.0880 | 0.0360 | 5.4 | 11.0 | 1 1/2 x 2 1/2 | 101X182U100AA2B |
| 2300 | 0.0480 | 0.0200 | 7.9 | 15.3 | 1 1/2 x 3 1/2 | 101232U100AB2B |
| 2500 | 0.0620 | 0.0250 | 6.8 | 13.5 | 1 1/2 x 2 1/2 | 101X252U100AH2B |
| 3300 | 0.0480 | 0.0200 | 7.9 | 15.3 | 1 1/2 x 3 1/2 | 101X332U100AB2B |
| 3400 | 0.0330 | 0.0140 | 9.6 | 17.8 | 1 1/2 x 4 1/2 | 101342U100AC2B |
| 4700 | 0.0250 | 0.0120 | 13.2 | 22.0 | 2 x 3 1/2 | 101472U100BB2B |
| 4900 | 0.0330 | 0.0140 | 9.6 | 17.8 | 1 1/2 x 4 1/2 | 101X492U100AC2B |
| 5000 | 0.0320 | 0.0110 | 11.3 | 19.5 | 1 1/2 x 5 1/2 | 101502U100AF2B |
| 5700 | 0.0230 | 0.0120 | 12.9 | 19.6 | 1 1/2 x 4 1/2 | 101572U100EC2B |
| 6800 | 0.0250 | 0.0120 | 13.2 | 22.0 | 2 x 3 1/2 | 101X682U100BB2B |
| 7200 | 0.0170 | 0.0081 | 16.6 | 27.0 | 2 x 4 1/2 | 101722U100BC2B |
| 7200 | 0.0230 | 0.0110 | 11.3 | 19.5 | 1 1/2 x 5 1/2 | 101X722U100AF2B |
| 8200 | 0.0230 | 0.0120 | 12.9 | 19.6 | 1 1/2 x 4 1/2 | 101X822U100EC2B |
| 10000 | 0.0170 | 0.0081 | 16.6 | 27.0 | 2 x 4 1/2 | 101X103U100BC2B |
| 11000 | 0.0110 | 0.0057 | 19.9 | 31.1 | 2 x 5 1/2 | 101113U100BF2B |
| 12000 | 0.0110 | 0.0059 | 23.5 | 34.6 | 2 1/2 x 4 1/2 | 101123U100CC2B |
| 16000 | 0.0110 | 0.0057 | 19.9 | 31.1 | 2 x 5 1/2 | 101X163U100BF2B |
| 17000 | 0.0110 | 0.0059 | 23.5 | 34.6 | 2 1/2 x 4 1/2 | 101X173U100CC2B |
| 18000 | 0.0077 | 0.0042 | 28.4 | 40.6 | 2 1/2 x 5 1/2 | 101183U100CF2B |
| 18000 | 0.0100 | 0.0061 | 27.3 | 34.6 | 3 x 4 1/2 | 101183U100DC2B |
| 24000 | 0.0075 | 0.0048 | 31.6 | 39.5 | 3 x 5 1/2 | 101243U100DE2B |
| 26000 | 0.0077 | 0.0042 | 28.4 | 40.6 | 2 1/2 x 5 1/2 | 101X263U100CF2B |
| 26000 | 0.0100 | 0.0061 | 27.3 | 34.6 | 3 x 4 1/2 | 101X263U100DC2B |
| 27000 | 0.0067 | 0.0044 | 33.3 | 41.3 | 3 x 5 1/2 | 101273U100DF2B |
| 28000 | 0.0065 | 0.0042 | 33.7 | 41.8 | 3 x 5 1/2 | 101283U100DP2B |
| 35000 | 0.0075 | 0.0048 | 31.6 | 39.5 | 3 x 5 1/2 | 101X353U100DE2B |
| 39000 | 0.0067 | 0.0044 | 33.3 | 41.3 | 3 x 5 1/2 | 101X393U100DF2B |
| 41000 | 0.0065 | 0.0042 | 33.7 | 41.8 | 3 x 5 1/2 | 101X413U100DP2B |
| 150 Vdc — 200 Vdc Surge | | | | | | |
| 320 | 0.5000 | 0.3900 | 2.9 | 4.0 | 1 1/2 x 1 1/2 | 101321T150AK2B |
| 420 | 0.5000 | 0.3900 | 2.9 | 4.0 | 1 1/2 x 1 1/2 | 101X421T150AK2B |
| 510 | 0.3100 | 0.2500 | 3.9 | 5.3 | 1 1/2 x 2 1/2 | 101511T150AA2B |
| 680 | 0.3100 | 0.2500 | 3.9 | 5.3 | 1 1/2 x 2 1/2 | 101X681T150AA2B |
| 770 | 0.2100 | 0.1600 | 4.9 | 6.8 | 1 1/2 x 2 1/2 | 101771T150AH2B |
| 1000 | 0.1600 | 0.1200 | 5.8 | 7.9 | 1 1/2 x 3 1/2 | 101102T150AB2B |
| 1000 | 0.2100 | 0.1600 | 4.9 | 6.8 | 1 1/2 x 2 1/2 | 101X102T150AH2B |
| 1400 | 0.1600 | 0.1200 | 5.8 | 7.9 | 1 1/2 x 3 1/2 | 101X142T150AB2B |
| 1500 | 0.1000 | 0.0830 | 7.2 | 9.8 | 1 1/2 x 4 1/2 | 101152T150AC2B |
| 2000 | 0.1000 | 0.0830 | 7.2 | 9.8 | 1 1/2 x 4 1/2 | 101X202T150AC2B |
| 2100 | 0.0790 | 0.0630 | 10.0 | 13.3 | 2 x 3 1/2 | 101212T150BB2B |
| 2300 | 0.0710 | 0.0570 | 8.7 | 11.6 | 1 1/2 x 5 1/2 | 101232T150AF2B |
| 2600 | 0.0660 | 0.0530 | 10.1 | 13.1 | 1 1/2 x 4 1/2 | 101262T150EC2B |
| 2700 | 0.0790 | 0.0630 | 10.0 | 13.3 | 2 x 3 1/2 | 101X272T150BB2B |
| 3000 | 0.0710 | 0.0570 | 8.7 | 11.6 | 1 1/2 x 5 1/2 | 101X302T150AF2B |
| 3300 | 0.0510 | 0.0410 | 12.8 | 16.9 | 2 x 4 1/2 | 101332T150BC2B |
| 3400 | 0.0660 | 0.0530 | 10.1 | 13.1 | 1 1/2 x 4 1/2 | 101X342T150EC2B |
| 4300 | 0.0510 | 0.0410 | 12.8 | 16.9 | 2 x 4 1/2 | 101X432T150BC2B |
| 5000 | 0.0330 | 0.0270 | 15.7 | 20.4 | 2 x 5 1/2 | 101502T150BF2B |
| 5400 | 0.0320 | 0.0260 | 18.7 | 23.9 | 2 1/2 x 4 1/2 | 101542T150CC2B |
| 6700 | 0.0330 | 0.0270 | 15.7 | 20.4 | 2 x 5 1/2 | 101X672T150BF2B |
| 7100 | 0.0320 | 0.0260 | 18.7 | 23.9 | 2 1/2 x 4 1/2 | 101X712T150CC2B |
| 8100 | 0.0230 | 0.0190 | 23.1 | 27.8 | 3 x 4 1/2 | 101812T150DC2B |
| 8300 | 0.0210 | 0.0170 | 23.0 | 29.1 | 2 1/2 x 5 1/2 | 101832T150CF2B |
| 11000 | 0.0170 | 0.0140 | 27.1 | 32.3 | 3 x 5 1/2 | 101113T150DE2B |
| 11000 | 0.0210 | 0.0170 | 23.0 | 29.1 | 2 1/2 x 5 1/2 | 101X113T150CF2B |
| 11000 | 0.0230 | 0.0190 | 23.1 | 27.8 | 3 x 4 1/2 | 101X113T150DC2B |
| 12000 | 0.0150 | 0.0130 | 28.7 | 34.1 | 3 x 5 1/2 | 101123T150DF2B |
| 13000 | 0.0150 | 0.0120 | 29.1 | 34.6 | 3 x 5 1/2 | 101133T150DP2B |
| 14000 | 0.0170 | 0.0140 | 27.1 | 32.3 | 3 x 5 1/2 | 101X143T150DE2B |
| 16000 | 0.0150 | 0.0130 | 28.7 | 34.1 | 3 x 5 1/2 | 101X163T150DF2B |
| 17000 | 0.0150 | 0.0120 | 29.1 | 34.6 | 3 x 5 1/2 | 101X173T150DP2B |
| 200 Vdc — 275 Vdc Surge | | | | | | |
| 190 | 0.5400 | 0.4100 | 2.6 | 3.8 | 1 1/2 x 1 1/2 | 101191T200AK2B |
| 280 | 0.5400 | 0.4100 | 2.6 | 3.8 | 1 1/2 x 1 1/2 | 101X281T200AK2B |
| 300 | 0.3400 | 0.2500 | 3.5 | 5.1 | 1 1/2 x 2 1/2 | 101301T200AA2B |
| 450 | 0.2300 | 0.1700 | 4.5 | 6.5 | 1 1/2 x 2 1/2 | 101451T200AH2B |
| 460 | 0.3400 | 0.2500 | 3.5 | 5.1 | 1 1/2 x 2 1/2 | 101X461T200AA2B |
| 600 | 0.1700 | 0.1300 | 5.3 | 7.6 | 1 1/2 x 3 1/2 | 101601T200AB2B |

| Capacitance uF | ESR Max ohms | | Ripple amps 85°C | | Nominal Case Size D x L (inches) | Catalog Number |
|--------------------------------|-----------------|--------|---------------------|-------|--|-------------------|
| | 120 Hz | 20 kHz | 120Hz | 20kHz | | |
| 200 Vdc — 275 Vdc Surge | | | | | | |
| 680 | 0.2300 | 0.1700 | 4.5 | 6.5 | 1 1/2 x 2 1/2 | 101X681T200AH2B |
| 900 | 0.1100 | 0.0860 | 6.6 | 9.4 | 1 1/2 x 4 1/2 | 101901T200AC2B |
| 910 | 0.1700 | 0.1300 | 5.3 | 7.6 | 1 1/2 x 3 1/2 | 101X911T200AB2B |
| 1200 | 0.0860 | 0.0650 | 9.3 | 12.8 | 2 x 3 1/2 | 101122T200BB2B |
| 1400 | 0.0770 | 0.0580 | 8.0 | 11.1 | 1 1/2 x 5 1/2 | 101142T200AF2B |
| 1400 | 0.1100 | 0.0860 | 6.6 | 9.4 | 1 1/2 x 4 1/2 | 101X142T200AC2B |
| 1500 | 0.0710 | 0.0540 | 9.4 | 12.6 | 1 1/2 x 4 1/2 | 101152T200EC2B |
| 1800 | 0.0860 | 0.0650 | 9.3 | 12.8 | 2 x 3 1/2 | 101X182T200BB2B |
| 1900 | 0.0550 | 0.0420 | 11.9 | 16.3 | 2 x 4 1/2 | 101192T200BC2B |
| 2000 | 0.0770 | 0.0580 | 8.0 | 11.1 | 1 1/2 x 5 1/2 | 101X202T200AF2B |
| 2300 | 0.0710 | 0.0540 | 9.4 | 12.6 | 1 1/2 x 4 1/2 | 101X232T200EC2B |
| 2900 | 0.0550 | 0.0420 | 11.9 | 16.3 | 2 x 4 1/2 | 101X292T200BC2B |
| 3000 | 0.0360 | 0.0270 | 14.5 | 19.6 | 2 x 5 1/2 | 101302T200BF2B |
| 3200 | 0.0340 | 0.0260 | 17.4 | 23.1 | 2 1/2 x 4 1/2 | 101322T200CC2B |
| 4500 | 0.0360 | 0.0270 | 14.5 | 19.6 | 2 x 5 1/2 | 101X452T200BF2B |
| 4700 | 0.0250 | 0.0200 | 21.8 | 27.2 | 3 x 4 1/2 | 101472T200DC2B |
| 4800 | 0.0340 | 0.0260 | 17.4 | 23.1 | 2 1/2 x 4 1/2 | 101X482T200CC2B |
| 4900 | 0.0220 | 0.0170 | 21.5 | 28.2 | 2 1/2 x 5 1/2 | 101492T200CF2B |
| 6400 | 0.0190 | 0.0150 | 25.6 | 31.6 | 3 x 5 1/2 | 101642T200DE2B |
| 7200 | 0.0250 | 0.0200 | 21.8 | 27.2 | 3 x 4 1/2 | 101X722T200DC2B |
| 7300 | 0.0160 | 0.0130 | 27.1 | 33.4 | 3 x 5 1/2 | 101732T200DF2B |
| 7400 | 0.0220 | 0.0170 | 21.5 | 28.2 | 2 1/2 x 5 1/2 | 101X742T200CF2B |
| 7600 | 0.0160 | 0.0130 | 27.6 | 33.9 | 3 x 5 1/2 | 101762T200DP2B |
| 9800 | 0.0190 | 0.0150 | 25.6 | 31.6 | 3 x 5 1/2 | 101X982T200DE2B |
| 11000 | 0.0160 | 0.0130 | 27.1 | 33.4 | 3 x 5 1/2 | 101X113T200DF2B |
| 12000 | 0.0160 | 0.0130 | 27.6 | 33.9 | 3 x 5 1/2 | 101X123T200DP2B |
| 250 Vdc — 350 Vdc Surge | | | | | | |
| 150 | 0.6200 | 0.4200 | 2.3 | 3.5 | 1 1/2 x 1 1/2 | 101151T250AK2B |
| 220 | 0.6200 | 0.4200 | 2.3 | 3.5 | 1 1/2 x 1 1/2 | 101X221T250AK2B |
| 240 | 0.3900 | 0.2600 | 3.1 | 4.8 | 1 1/2 x 2 1/2 | 101241T250AA2B |
| 350 | 0.3900 | 0.2600 | 3.1 | 4.8 | 1 1/2 x 2 1/2 | 101X351T250AA2B |
| 360 | 0.2600 | 0.1800 | 3.9 | 6.1 | 1 1/2 x 2 1/2 | 101361T250AH2B |
| 490 | 0.2000 | 0.1300 | 4.6 | 7.1 | 1 1/2 x 3 1/2 | 101491T250AB2B |
| 530 | 0.2600 | 0.1800 | 3.9 | 6.1 | 1 1/2 x 2 1/2 | 101X531T250AH2B |
| 700 | 0.2000 | 0.1300 | 4.6 | 7.1 | 1 1/2 x 3 1/2 | 101X701T250AB2B |
| 730 | 0.1300 | 0.0890 | 5.8 | 8.8 | 1 1/2 x 4 1/2 | 101731T250AC2B |
| 980 | 0.0980 | 0.0680 | 8.1 | 12.1 | 2 x 3 1/2 | 101981T250BB2B |
| 1100 | 0.0880 | 0.0600 | 7.0 | 10.5 | 1 1/2 x 5 1/2 | 101112T250AF2B |
| 1100 | 0.1300 | 0.0890 | 5.8 | 8.8 | 1 1/2 x 4 1/2 | 101X112T250AC2B |
| 1200 | 0.0820 | 0.0570 | 8.3 | 12.0 | 1 1/2 x 4 1/2 | 101122T250EC2B |
| 1400 | 0.0980 | 0.0680 | 8.1 | 12.1 | 2 x 3 1/2 | 101X142T250BB2B |
| 1500 | 0.0630 | 0.0430 | 10.4 | 15.4 | 2 x 4 1/2 | 101152T250BC2B |
| 1600 | 0.0880 | 0.0600 | 7.0 | 10.5 | 1 1/2 x 5 1/2 | 101X162T250AF2B |
| 1800 | 0.0820 | 0.0570 | 8.3 | 12.0 | 1 1/2 x 4 1/2 | 101X182T250EC2B |
| 2200 | 0.0630 | 0.0430 | 10.4 | 15.4 | 2 x 4 1/2 | 101X222T250BC2B |
| 2400 | 0.0410 | 0.0280 | 12.8 | 18.7 | 2 x 5 1/2 | 101242T250BF2B |
| 2600 | 0.0390 | 0.0270 | 15.4 | 22.1 | 2 1/2 x 4 1/2 | 101262T250CC2B |
| 3400 | 0.0410 | 0.0280 | 12.8 | 18.7 | 2 x 5 1/2 | 101X342T250BF2B |
| 3700 | 0.0390 | 0.0270 | 15.4 | 22.1 | 2 1/2 x 4 1/2 | 101X372T250CC2B |
| 3800 | 0.0280 | 0.0200 | 19.7 | 26.3 | 3 x 4 1/2 | 101382T250DC2B |
| 4000 | 0.0260 | 0.0180 | 19.1 | 27.0 | 2 1/2 x 5 1/2 | 101402T250CF2B |
| 5200 | 0.0210 | 0.0150 | 23.2 | 30.6 | 3 x 5 1/2 | 101522T250DE2B |
| 5500 | 0.0280 | 0.0200 | 19.7 | 26.3 | 3 x 4 1/2 | 101X552T250DC2B |
| 5700 | 0.0260 | 0.0180 | 19.1 | 27.0 | 2 1/2 x 5 1/2 | 101X572T250CF2B |
| 5900 | 0.0190 | 0.0130 | 24.6 | 32.3 | 3 x 5 1/2 | 101592T250DF2B |
| 6200 | 0.0180 | 0.0130 | 25.0 | 32.8 | 3 x 5 1/2 | 101622T250DP2B |
| 7500 | 0.0210 | 0.0150 | 23.2 | 30.6 | 3 x 5 1/2 | 101X752T250DE2B |
| 8500 | 0.0190 | 0.0130 | 24.6 | 32.3 | 3 x 5 1/2 | 101X852T250DF2B |
| 8900 | 0.0180 | 0.0130 | 25.0 | 32.8 | 3 x 5 1/2 | 101X892T250DP2B |