

PART NUMBERING (型号命名方式)

● Product symbol (产品代码)

| | | | | | | |
|------------------|---------------|-----------------|---------------|----------------|---------------|------------------|
| <u>CG45</u> ① | <u>C</u> ② | <u>107</u> ③ | <u>M</u> ④ | <u>1A</u> ⑤ | <u>A</u> ⑥ | <u>0100</u> ⑦ |
|------------------|---------------|-----------------|---------------|----------------|---------------|------------------|

① Type (类型)

KESENES Tantalum Capacitor Normal - Low ESR series
(珂西尼钽电容低阻抗系列)

② Dimension (尺寸)

| | | | | | | | | |
|-----------|---|------|------|------|------|------|-------|------|
| Case Code | J | P | A | B | C | D | E | V |
| EIA Code | — | 2012 | 3216 | 3528 | 6032 | 7343 | 7343H | 7361 |

③ Capacitance (容量)

The first two digits are significant, The last digit specifies the number of zeros to follow; Third aode idicate the power unit. (标称容量是采用三位数表示法，前两位数表示有效数字，第三位表示“0”的个数，单位pF.)

| | | | | | | |
|------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Symbol | 105 | 685 | 106 | 476 | 107 | 477 |
| Capacitance (□F) | 1.0 | 6.8 | 10 | 47 | 100 | 470 |
| Pico Farad (pF) | 10x10 ⁵ | 68x10 ⁵ | 10x10 ⁶ | 47x10 ⁶ | 10x10 ⁷ | 47x10 ⁷ |

④ Tolerance (容量偏差)

| | | | |
|---------------|----|-----|-----|
| Symbol | J | K | M |
| Tolerance (%) | ±5 | ±10 | ±20 |

⑤ Rated Voltage (额定电压)

| | | | | | | | | | |
|----------------------|-----|----|-----|----|----|----|----|----|----|
| Symbol | 0E | 0G | 0J | 1A | 1C | 1D | 1E | 1V | 1T |
| DC Rated Voltage (V) | 2.5 | 4 | 6.3 | 10 | 16 | 20 | 25 | 35 | 50 |

⑥ Packing (包装)

T: Bulk (散装), 500pcs/B ;
A: Tape Reel (编带盘装),

⑦ Maximum ESR in Milliohms (最大值阻抗 mΩ)

PART NUMBER REFERENCE (产品参数值)

| Rated (V) | Part Number | Capa. (μF) | Case Code | DCL (μA) Max. | DF (%) Max. | ESR Max. (mΩ) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Rating (V) | | |
|------------------|------------------|------------|-----------|---------------|-------------|-----------------------|-----------------------------------|-------|-------|----------------------------------|-------|-------|
| | | | | | | | 25℃ | 85℃ | 125℃ | 25℃ | 85℃ | 125℃ |
| 2.5 | CG45B107*0EA0200 | 100 | B | 5 | 6 | 200 | 0.652 | 0.587 | 0.261 | 0.130 | 0.117 | 0.052 |
| | CG45B157*0EA0150 | 150 | B | 3 | 10 | 150 | 0.753 | 0.677 | 0.301 | 0.113 | 0.102 | 0.045 |
| | CG45B227*0EA0150 | 220 | B | 4.4 | 16 | 150 | 0.753 | 0.677 | 0.301 | 0.113 | 0.102 | 0.045 |
| | CG45B227*0EA0200 | 220 | B | 4.4 | 16 | 200 | 0.652 | 0.587 | 0.261 | 0.130 | 0.117 | 0.052 |
| | CG45B227*0EA0600 | 220 | B | 4.4 | 16 | 600 | 0.376 | 0.339 | 0.151 | 0.226 | 0.203 | 0.090 |
| | CG45D227*0EA0045 | 220 | D | 4.4 | 8 | 45 | 1.826 | 1.643 | 0.730 | 0.082 | 0.074 | 0.033 |
| | CG45D477*0EA0035 | 470 | D | 11.6 | 8 | 35 | 2.070 | 1.863 | 0.828 | 0.072 | 0.065 | 0.029 |
| | CG45D687*0EA0035 | 680 | D | 17 | 16 | 35 | 2.070 | 1.863 | 0.828 | 0.072 | 0.065 | 0.029 |
| | CG45D687*0EA0050 | 680 | D | 17 | 16 | 50 | 1.732 | 1.559 | 0.693 | 0.087 | 0.078 | 0.035 |
| | CG45E687*0EA0035 | 680 | E | 17 | 10 | 35 | 2.171 | 1.954 | 0.868 | 0.076 | 0.068 | 0.030 |
| | CG45E687*0EA0050 | 680 | E | 17 | 10 | 50 | 1.817 | 1.635 | 0.727 | 0.091 | 0.082 | 0.036 |
| | CG45E108*0EA0030 | 1000 | E | 20 | 14 | 30 | 2.345 | 2.111 | 0.938 | 0.070 | 0.063 | 0.028 |
| | CG45E108*0EA0040 | 1000 | E | 20 | 14 | 40 | 2.031 | 1.828 | 0.812 | 0.081 | 0.073 | 0.032 |
| | CG45D158*0EA0100 | 1500 | D | 37.5 | 60 | 100 | 1.125 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45E158*0EA0050 | 1500 | E | 37.5 | 20 | 50 | 1.817 | 1.635 | 0.727 | 0.001 | 0.082 | 0.036 |
| | CG45V158*0EA0030 | 1500 | V | 30 | 20 | 30 | 2.887 | 2.598 | 1.155 | 0.087 | 0.078 | 0.035 |
| CG45V158*0EA0040 | 1500 | V | 30 | 20 | 40 | 2.500 | 2.250 | 1.000 | 0.100 | 0.090 | 0.040 | |
| 4 | CG45A476*0GA0500 | 47 | A | 1.9 | 8 | 500 | 0.387 | 0.349 | 0.155 | 0.194 | 0.174 | 0.077 |
| | CG45B107*0GA0200 | 100 | B | 4 | 8 | 200 | 0.652 | 0.587 | 0.261 | 0.130 | 0.117 | 0.052 |
| | CG45B107*0GA0250 | 100 | B | 4 | 8 | 250 | 0.583 | 0.525 | 0.233 | 0.146 | 0.131 | 0.058 |
| | CG45B107*0GA0350 | 100 | B | 4 | 8 | 350 | 0.493 | 0.444 | 0.197 | 0.172 | 0.155 | 0.069 |
| | CG45B107*0GA0500 | 100 | B | 4 | 8 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |
| | CG45B157*0GA0250 | 150 | B | 6 | 10 | 250 | 0.583 | 0.525 | 0.233 | 0.146 | 0.131 | 0.058 |
| | CG45C157*0GA0070 | 150 | C | 6 | 6 | 70 | 1.254 | 1.128 | 0.501 | 0.088 | 0.079 | 0.035 |
| | CG45C157*0GA0080 | 150 | C | 6 | 6 | 80 | 1.173 | 1.055 | 0.469 | 0.094 | 0.084 | 0.038 |
| | CG45D227*0GA0040 | 220 | D | 8.8 | 8 | 40 | 1.936 | 1.743 | 0.775 | 0.077 | 0.070 | 0.031 |
| | CG45D227*0GA0050 | 220 | D | 8.8 | 8 | 50 | 1.732 | 1.559 | 0.693 | 0.087 | 0.078 | 0.035 |
| | CG45D227*0GA0100 | 220 | D | 8.8 | 8 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45C337*0GA0100 | 330 | C | 13.2 | 8 | 100 | 1.049 | 0.944 | 0.420 | 0.105 | 0.094 | 0.042 |
| | CG45D337*0GA0035 | 330 | D | 13.2 | 8 | 35 | 2.070 | 1.863 | 0.828 | 0.072 | 0.065 | 0.029 |
| | CG45D337*0GA0045 | 330 | D | 13.2 | 8 | 45 | 1.826 | 1.643 | 0.730 | 0.082 | 0.074 | 0.033 |
| | CG45D337*0GA0100 | 330 | D | 13.2 | 8 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D477*0GA0045 | 470 | D | 18.8 | 12 | 45 | 1.826 | 1.643 | 0.730 | 0.082 | 0.074 | 0.033 |
| | CG45D477*0GA0100 | 470 | D | 18.8 | 12 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45E477*0GA0035 | 470 | E | 18.8 | 12 | 35 | 2.171 | 1.954 | 0.868 | 0.076 | 0.068 | 0.030 |
| | CG45E477*0GA0045 | 470 | E | 18.8 | 12 | 45 | 1.915 | 1.723 | 0.766 | 0.086 | 0.078 | 0.034 |
| | CG45E477*0GA0100 | 470 | E | 18.8 | 12 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45D687*0GA0045 | 680 | D | 27.2 | 14 | 45 | 1.915 | 1.643 | 0.730 | 0.082 | 0.074 | 0.033 |
| | CG45D687*0GA0060 | 680 | D | 27.2 | 14 | 60 | 1.581 | 1.423 | 0.632 | 0.095 | 0.085 | 0.038 |
| | CG45D687*0GA0100 | 680 | D | 27.2 | 14 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45E687*0GA0040 | 680 | E | 27.2 | 10 | 40 | 2.031 | 1.828 | 0.812 | 0.081 | 0.073 | 0.032 |
| | CG45E687*0GA0060 | 680 | E | 27.2 | 10 | 60 | 1.658 | 1.492 | 0.663 | 0.099 | 0.090 | 0.040 |
| | CG45E687*0GA0100 | 680 | E | 27.2 | 10 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45E108*0GA0060 | 1000 | E | 40 | 14 | 60 | 1.658 | 1.492 | 0.663 | 0.099 | 0.090 | 0.040 |
| | CG45V108*0GA0025 | 1000 | V | 40 | 16 | 25 | 3.162 | 2.846 | 1.265 | 0.079 | 0.071 | 0.032 |
| CG45V108*0GA0035 | 1000 | V | 40 | 16 | 35 | 2.673 | 2.405 | 1.069 | 0.094 | 0.084 | 0.037 | |

* To complete KESENES Part Number, insert M for ±20% tolerance or K for ±10% tolerance.

| Rated (V) | Part Number | Capa. (μ F) | Case Code | DCL (μ A) Max. | DF (%) Max. | ESR Max. (m Ω) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Rating (V) | | |
|-----------|------------------|-------------|-----------|----------------|-------------|------------------------|-----------------------------------|-------|-------|----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 4 | CG45V108*0GA0040 | 1000 | V | 40 | 16 | 40 | 2.500 | 2.250 | 1.000 | 0.100 | 0.090 | 0.040 |
| | CG45V108*0GA0050 | 1000 | V | 40 | 16 | 50 | 2.236 | 2.012 | 0.894 | 0.112 | 0.101 | 0.045 |
| | CG45E158*0GA0050 | 1500 | E | 60 | 30 | 50 | 1.817 | 1.635 | 0.727 | 0.091 | 0.082 | 0.036 |
| | CG45E158*0GA0075 | 1500 | E | 60 | 30 | 75 | 1.483 | 1.335 | 0.593 | 0.111 | 0.100 | 0.044 |
| | CG45V158M0GA0050 | 1500 | V | 60 | 30 | 50 | 2.236 | 2.012 | 0.894 | 0.112 | 0.101 | 0.045 |
| | CG45V158M0GA0075 | 1500 | V | 60 | 30 | 75 | 1.826 | 1.643 | 0.730 | 0.137 | 0.123 | 0.055 |
| 6.3 | CG45A685*0JA1800 | 6.8 | A | 0.5 | 6 | 1800 | 0.204 | 0.184 | 0.082 | 0.367 | 0.331 | 0.147 |
| | CG45A106*0JA1500 | 10 | A | 0.6 | 6 | 1500 | 0.224 | 0.201 | 0.089 | 0.335 | 0.302 | 0.134 |
| | CG45A156*0JA0700 | 15 | A | 0.9 | 6 | 700 | 0.327 | 0.295 | 0.131 | 0.229 | 0.206 | 0.092 |
| | CG45A156*0JA1500 | 15 | A | 0.9 | 6 | 1500 | 0.224 | 0.201 | 0.089 | 0.335 | 0.302 | 0.134 |
| | CG45A226*0JA0500 | 22 | A | 1.4 | 6 | 500 | 0.387 | 0.349 | 0.155 | 0.194 | 0.174 | 0.077 |
| | CG45A226*0JA0900 | 22 | A | 1.4 | 6 | 900 | 0.289 | 0.260 | 0.115 | 0.260 | 0.234 | 0.104 |
| | CG45B226*0JA0375 | 22 | B | 1.4 | 6 | 375 | 0.476 | 0.428 | 0.190 | 0.179 | 0.161 | 0.071 |
| | CG45B226*0JA0600 | 22 | B | 1.4 | 6 | 600 | 0.376 | 0.339 | 0.151 | 0.226 | 0.203 | 0.090 |
| | CG45A336*0JA0600 | 33 | A | 2.1 | 8 | 600 | 0.354 | 0.318 | 0.141 | 0.212 | 0.191 | 0.085 |
| | CG45B336*0JA0250 | 33 | B | 2.1 | 6 | 250 | 0.583 | 0.525 | 0.233 | 0.146 | 0.131 | 0.058 |
| | CG45B336*0JA0350 | 33 | B | 2.1 | 6 | 350 | 0.493 | 0.444 | 0.197 | 0.172 | 0.155 | 0.069 |
| | CG45B336*0JA0450 | 33 | B | 2.1 | 6 | 450 | 0.435 | 0.391 | 0.174 | 0.196 | 0.176 | 0.078 |
| | CG45B336*0JA0600 | 33 | B | 2.1 | 6 | 600 | 0.376 | 0.339 | 0.151 | 0.226 | 0.203 | 0.090 |
| | CG45A476*0JA0800 | 47 | A | 2.8 | 10 | 800 | 0.306 | 0.276 | 0.122 | 0.245 | 0.220 | 0.098 |
| | CG45B476*0JA0250 | 47 | B | 3 | 6 | 250 | 0.583 | 0.525 | 0.233 | 0.146 | 0.131 | 0.058 |
| | CG45B476*0JA0350 | 47 | B | 3 | 6 | 350 | 0.493 | 0.444 | 0.197 | 0.172 | 0.155 | 0.069 |
| | CG45B476*0JA0500 | 47 | B | 3 | 6 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |
| | CG45C476*0JA0300 | 47 | C | 3 | 6 | 300 | 0.606 | 0.545 | 0.242 | 0.182 | 0.163 | 0.073 |
| | CG45B686*0JA0250 | 68 | B | 4.3 | 8 | 250 | 0.583 | 0.525 | 0.233 | 0.146 | 0.131 | 0.058 |
| | CG45B686*0JA0350 | 68 | B | 4.3 | 8 | 350 | 0.493 | 0.444 | 0.197 | 0.172 | 0.155 | 0.069 |
| | CG45B686*0JA0500 | 68 | B | 4.3 | 8 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |
| | CG45C686*0JA0150 | 68 | C | 4.3 | 6 | 150 | 0.856 | 0.771 | 0.343 | 0.128 | 0.116 | 0.051 |
| | CG45C686*0JA0200 | 68 | C | 4.3 | 6 | 200 | 0.742 | 0.667 | 0.297 | 0.148 | 0.133 | 0.059 |
| | CG45B107*0JA0250 | 100 | B | 6.3 | 10 | 250 | 0.583 | 0.525 | 0.233 | 0.146 | 0.131 | 0.058 |
| | CG45B107*0JA0400 | 100 | B | 6.3 | 10 | 400 | 0.461 | 0.415 | 0.184 | 0.184 | 0.166 | 0.074 |
| | CG45C107*0JA0075 | 100 | C | 6.3 | 6 | 75 | 1.211 | 1.090 | 0.484 | 0.091 | 0.082 | 0.036 |
| | CG45C107*0JA0150 | 100 | C | 6.3 | 6 | 150 | 0.856 | 0.771 | 0.343 | 0.128 | 0.116 | 0.051 |
| | CG45C157*0JA0050 | 150 | C | 9.5 | 6 | 50 | 1.483 | 1.335 | 0.593 | 0.074 | 0.067 | 0.030 |
| | CG45C157*0JA0090 | 150 | C | 9.5 | 6 | 90 | 1.106 | 0.995 | 0.442 | 0.099 | 0.090 | 0.040 |
| | CG45C157*0JA0150 | 150 | C | 9.5 | 6 | 150 | 0.856 | 0.771 | 0.343 | 0.128 | 0.116 | 0.051 |
| | CG45C157*0JA0200 | 150 | C | 9.5 | 6 | 200 | 0.742 | 0.667 | 0.297 | 0.148 | 0.133 | 0.059 |
| | CG45C157*0JA0250 | 150 | C | 9.5 | 6 | 250 | 0.663 | 0.597 | 0.265 | 0.166 | 0.149 | 0.066 |
| | CG45D157*0JA0050 | 150 | D | 9.5 | 6 | 50 | 1.732 | 1.559 | 0.693 | 0.087 | 0.078 | 0.035 |
| | CG45D157*0JA0125 | 150 | D | 9.5 | 6 | 125 | 1.095 | 0.986 | 0.438 | 0.137 | 0.123 | 0.055 |
| | CG45C227*0JA0070 | 220 | C | 13.9 | 8 | 70 | 1.254 | 1.128 | 0.501 | 0.088 | 0.079 | 0.035 |
| | CG45C227*0JA0100 | 220 | C | 13.9 | 8 | 100 | 1.049 | 0.944 | 0.420 | 0.105 | 0.094 | 0.042 |
| | CG45C227*0JA0125 | 220 | C | 13.9 | 8 | 125 | 0.938 | 0.844 | 0.375 | 0.117 | 0.106 | 0.047 |
| | CG45C227*0JA0250 | 220 | C | 13.9 | 8 | 250 | 0.663 | 0.597 | 0.265 | 0.166 | 0.149 | 0.066 |
| | CG45D227*0JA0050 | 220 | D | 13.9 | 8 | 50 | 1.732 | 1.559 | 0.693 | 0.087 | 0.078 | 0.035 |
| | CG45D227*0JA0100 | 220 | D | 13.2 | 8 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D227*0JA0125 | 220 | D | 13.9 | 8 | 125 | 1.095 | 0.986 | 0.438 | 0.137 | 0.123 | 0.055 |
| | CG45E227*0JA0100 | 220 | E | 13.2 | 8 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |

* To complete KESENES Part Number, insert M for ±20% tolerance or K for ±10% tolerance.

| Rated (V) | Part Number | Capa. (μ F) | Case Code | DCL (μ A) Max. | DF (%) Max. | ESR Max. (m Ω) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Rating (V) | | |
|------------------|------------------|------------------|-----------|----------------|-------------|------------------------|-----------------------------------|-------|-------|----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 6.3 | CG45D337*0JA0045 | 330 | D | 20.8 | 8 | 45 | 1.826 | 1.643 | 0.730 | 0.082 | 0.074 | 0.033 |
| | CG45D337*0JA0050 | 330 | D | 20.8 | 8 | 50 | 1.732 | 1.559 | 0.693 | 0.087 | 0.078 | 0.035 |
| | CG45D337*0JA0070 | 330 | D | 20.8 | 8 | 70 | 1.464 | 1.317 | 0.586 | 0.102 | 0.092 | 0.041 |
| | CG45D337*0JA0100 | 330 | D | 20.8 | 8 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45E337*0JA0050 | 330 | E | 20.8 | 8 | 50 | 1.817 | 1.635 | 0.727 | 0.091 | 0.082 | 0.036 |
| | CG45E337*0JA0100 | 330 | E | 20.8 | 8 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45E337*0JA0125 | 330 | E | 20.8 | 8 | 125 | 1.149 | 1.034 | 0.460 | 0.144 | 0.129 | 0.057 |
| | CG45E337*0JA0150 | 330 | E | 20.8 | 8 | 150 | 1.049 | 0.944 | 0.420 | 0.157 | 0.142 | 0.063 |
| | CG45V337*0JA0100 | 330 | V | 20.8 | 8 | 100 | 1.581 | 1.423 | 0.632 | 0.158 | 0.142 | 0.063 |
| | CG45D477*0JA0045 | 470 | D | 29.6 | 12 | 45 | 1.826 | 1.643 | 0.73 | 0.082 | 0.074 | 0.033 |
| | CG45D477*0JA0060 | 470 | D | 29.6 | 12 | 60 | 1.581 | 1.423 | 0.632 | 0.095 | 0.085 | 0.038 |
| | CG45D477*0JA0100 | 470 | D | 29.6 | 12 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D477*0JA0200 | 470 | D | 29.6 | 12 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 |
| | CG45E477*0JA0045 | 470 | E | 29.6 | 10 | 45 | 1.915 | 1.723 | 0.766 | 0.086 | 0.078 | 0.034 |
| | CG45E477*0JA0050 | 470 | E | 29.6 | 10 | 50 | 1.817 | 1.635 | 0.727 | 0.091 | 0.082 | 0.036 |
| | CG45E477*0JA0060 | 470 | E | 29.6 | 10 | 60 | 1.658 | 1.492 | 0.663 | 0.099 | 0.090 | 0.040 |
| | CG45E477*0JA0100 | 470 | E | 29.6 | 10 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45E477*0JA0200 | 470 | E | 29.6 | 10 | 200 | 0.908 | 0.817 | 0.363 | 0.182 | 0.163 | 0.073 |
| | CG45V477*0JA0040 | 470 | V | 29.6 | 10 | 40 | 2.500 | 2.250 | 1.000 | 0.100 | 0.090 | 0.040 |
| | CG45V477*0JA0055 | 470 | V | 29.6 | 10 | 55 | 2.132 | 1.919 | 0.853 | 0.117 | 0.106 | 0.047 |
| | CG45V477*0JA0100 | 470 | V | 29.6 | 10 | 100 | 1.581 | 1.423 | 0.632 | 0.158 | 0.142 | 0.063 |
| | CG45E687*0JA0045 | 680 | E | 42.8 | 10 | 45 | 1.915 | 1.723 | 0.766 | 0.086 | 0.078 | 0.034 |
| | CG45E687*0JA0060 | 680 | E | 42.8 | 10 | 60 | 1.658 | 1.492 | 0.663 | 0.099 | 0.090 | 0.040 |
| | CG45E687*0JA0100 | 680 | E | 42.8 | 10 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45V687*0JA0035 | 680 | V | 42.8 | 14 | 35 | 2.673 | 2.405 | 1.069 | 0.094 | 0.084 | 0.037 |
| | CG45V687*0JA0040 | 680 | V | 42.8 | 10 | 40 | 2.500 | 2.250 | 1.000 | 0.100 | 0.090 | 0.040 |
| | CG45V687*0JA0050 | 680 | V | 42.8 | 10 | 50 | 2.236 | 2.012 | 0.894 | 0.112 | 0.101 | 0.045 |
| | CG45V108M0JA0040 | 1000 | V | 60 | 16 | 40 | 2.500 | 2.250 | 1.000 | 0.100 | 0.090 | 0.040 |
| | CG45V108M0JA0050 | 1000 | V | 60 | 16 | 50 | 2.236 | 2.012 | 0.894 | 0.112 | 0.101 | 0.045 |
| | 10 | CG45P105*1AA9000 | 1 | P | 0.5 | 4 | 9000 | 0.078 | 0.070 | 0.031 | 0.704 | 0.633 |
| CG45A225*1AA1800 | | 2.2 | A | 0.5 | 6 | 1800 | 0.204 | 0.184 | 0.082 | 0.367 | 0.331 | 0.147 |
| CG45A475*1AA1400 | | 4.7 | A | 0.5 | 6 | 1400 | 0.231 | 0.208 | 0.093 | 0.324 | 0.292 | 0.130 |
| CG45P475*1AA3000 | | 4.7 | P | 0.5 | 6 | 3000 | 0.135 | 0.122 | 0.054 | 0.406 | 0.366 | 0.162 |
| CG45P475*1AA5000 | | 4.7 | P | 0.5 | 6 | 5000 | 0.105 | 0.094 | 0.042 | 0.524 | 0.472 | 0.210 |
| CG45A685*1AA1800 | | 6.8 | A | 0.7 | 6 | 1800 | 0.204 | 0.184 | 0.082 | 0.367 | 0.331 | 0.147 |
| CG45A106*1AA0900 | | 10 | A | 1 | 6 | 900 | 0.289 | 0.260 | 0.115 | 0.260 | 0.234 | 0.104 |
| CG45A106*1AA1800 | | 10 | A | 1 | 6 | 1800 | 0.204 | 0.184 | 0.082 | 0.367 | 0.331 | 0.147 |
| CG45A156*1AA1000 | | 15 | A | 1.5 | 6 | 1000 | 0.274 | 0.246 | 0.110 | 0.274 | 0.246 | 0.110 |
| CG45B156*1AA0450 | | 15 | B | 1.5 | 6 | 450 | 0.435 | 0.391 | 0.174 | 0.196 | 0.176 | 0.078 |
| CG45B156*1AA0600 | | 15 | B | 1.5 | 6 | 600 | 0.376 | 0.339 | 0.151 | 0.226 | 0.203 | 0.090 |
| CG45B226*1AA0400 | | 22 | B | 2.2 | 6 | 400 | 0.461 | 0.415 | 0.184 | 0.184 | 0.166 | 0.074 |
| CG45B226*1AA0500 | | 22 | B | 2.2 | 6 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |
| CG45B226*1AA0700 | | 22 | B | 2.2 | 6 | 700 | 0.348 | 0.314 | 0.139 | 0.244 | 0.220 | 0.098 |
| CG45C226*1AA0300 | | 22 | C | 2.2 | 6 | 300 | 0.606 | 0.545 | 0.242 | 0.182 | 0.163 | 0.073 |
| CG45A336*1AA0700 | | 33 | A | 3.3 | 8 | 700 | 0.327 | 0.295 | 0.131 | 0.229 | 0.206 | 0.092 |
| CG45B336*1AA0250 | | 33 | B | 3.3 | 6 | 250 | 0.583 | 0.525 | 0.233 | 0.146 | 0.131 | 0.058 |
| CG45B336*1AA0425 | | 33 | B | 3.3 | 6 | 425 | 0.447 | 0.402 | 0.179 | 0.190 | 0.171 | 0.076 |
| CG45B336*1AA0500 | | 33 | B | 3.3 | 6 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |

* To complete KESENES Part Number, insert M for ±20% tolerance or K for ±10% tolerance.

| Rated (V) | Part Number | Capa. (μ F) | Case Code | DCL (μ A) Max. | DF (%) Max. | ESR Max. (m Ω) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Rating (V) | | |
|------------------|------------------|-------------|-----------|----------------|-------------|------------------------|-----------------------------------|-------|-------|----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 10 | CG45B336*1AA0650 | 33 | B | 3.3 | 6 | 650 | 0.362 | 0.325 | 0.145 | 0.235 | 0.212 | 0.094 |
| | CG45C336*1AA0150 | 33 | C | 3.3 | 6 | 150 | 0.856 | 0.771 | 0.343 | 0.128 | 0.116 | 0.051 |
| | CG45C336*1AA0375 | 33 | C | 3.3 | 6 | 375 | 0.542 | 0.487 | 0.217 | 0.203 | 0.183 | 0.081 |
| | CG45C336*1AA0500 | 33 | C | 3.3 | 6 | 500 | 0.469 | 0.422 | 0.188 | 0.235 | 0.211 | 0.094 |
| | CG45B476*1AA0250 | 47 | B | 4.7 | 8 | 250 | 0.583 | 0.525 | 0.233 | 0.146 | 0.131 | 0.058 |
| | CG45B476*1AA0350 | 47 | B | 4.7 | 8 | 350 | 0.493 | 0.444 | 0.197 | 0.172 | 0.155 | 0.069 |
| | CG45B476*1AA0500 | 47 | B | 4.7 | 8 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |
| | CG45B476*1AA0650 | 47 | B | 4.7 | 8 | 650 | 0.362 | 0.325 | 0.145 | 0.235 | 0.212 | 0.094 |
| | CG45C476*1AA0200 | 47 | C | 4.7 | 6 | 200 | 0.742 | 0.667 | 0.297 | 0.148 | 0.133 | 0.059 |
| | CG45C476*1AA0350 | 47 | C | 4.7 | 6 | 350 | 0.561 | 0.505 | 0.224 | 0.196 | 0.177 | 0.078 |
| | CG45D476*1AA0100 | 47 | D | 4.7 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45B686*1AA0600 | 68 | B | 6.8 | 8 | 600 | 0.376 | 0.339 | 0.151 | 0.226 | 0.203 | 0.090 |
| | CG45C686*1AA0080 | 68 | C | 6.8 | 6 | 80 | 1.173 | 1.055 | 0.469 | 0.094 | 0.084 | 0.038 |
| | CG45C686*1AA0100 | 68 | C | 6.8 | 6 | 100 | 1.049 | 0.944 | 0.420 | 0.105 | 0.094 | 0.042 |
| | CG45C686*1AA0200 | 68 | C | 6.8 | 6 | 200 | 0.742 | 0.667 | 0.297 | 0.148 | 0.133 | 0.059 |
| | CG45C686*1AA0300 | 68 | C | 6.8 | 6 | 300 | 0.606 | 0.545 | 0.242 | 0.182 | 0.163 | 0.073 |
| | CG45D686*1AA0100 | 68 | D | 6.8 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D686*1AA0150 | 68 | D | 6.8 | 6 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45B107M1AA0400 | 100 | B | 10 | 8 | 400 | 0.461 | 0.415 | 0.184 | 0.184 | 0.166 | 0.074 |
| | CG45C107*1AA0075 | 100 | C | 10 | 8 | 75 | 1.211 | 1.090 | 0.484 | 0.091 | 0.082 | 0.036 |
| | CG45C107*1AA0100 | 100 | C | 10 | 8 | 100 | 1.049 | 0.944 | 0.420 | 0.105 | 0.094 | 0.042 |
| | CG45C107*1AA0150 | 100 | C | 10 | 8 | 150 | 0.856 | 0.771 | 0.343 | 0.128 | 0.116 | 0.051 |
| | CG45C107*1AA0200 | 100 | C | 10 | 8 | 200 | 0.742 | 0.667 | 0.297 | 0.148 | 0.133 | 0.059 |
| | CG45D107*1AA0050 | 100 | D | 10 | 6 | 50 | 1.732 | 1.559 | 0.693 | 0.087 | 0.078 | 0.035 |
| | CG45D107*1AA0065 | 100 | D | 10 | 6 | 65 | 1.519 | 1.367 | 0.608 | 0.099 | 0.089 | 0.039 |
| | CG45D107*1AA0080 | 100 | D | 10 | 6 | 80 | 1.369 | 1.232 | 0.548 | 0.110 | 0.099 | 0.044 |
| | CG45D107*1AA0100 | 100 | D | 10 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D107*1AA0125 | 100 | D | 10 | 6 | 125 | 1.095 | 0.986 | 0.438 | 0.137 | 0.123 | 0.055 |
| | CG45D107*1AA0150 | 100 | D | 10 | 6 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45E107*1AA0125 | 100 | E | 10 | 6 | 125 | 1.149 | 1.034 | 0.460 | 0.144 | 0.129 | 0.057 |
| | CG45D157*1AA0050 | 150 | D | 15 | 6 | 50 | 1.732 | 1.559 | 0.693 | 0.087 | 0.078 | 0.035 |
| | CG45D157*1AA0085 | 150 | D | 15 | 8 | 85 | 1.328 | 1.196 | 0.531 | 0.113 | 0.102 | 0.045 |
| | CG45D157*1AA0100 | 150 | D | 15 | 8 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45E157*1AA0100 | 150 | E | 15 | 8 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45D227*1AA0050 | 220 | D | 22 | 8 | 50 | 1.732 | 1.559 | 0.693 | 0.087 | 0.078 | 0.035 |
| | CG45D227*1AA0100 | 220 | D | 22 | 8 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D227*1AA0150 | 220 | D | 22 | 8 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45E227*1AA0050 | 220 | E | 22 | 8 | 50 | 1.817 | 1.635 | 0.727 | 0.091 | 0.082 | 0.036 |
| | CG45E227*1AA0060 | 220 | E | 22 | 8 | 60 | 1.658 | 1.492 | 0.663 | 0.099 | 0.090 | 0.040 |
| | CG45E227*1AA0070 | 220 | E | 22 | 8 | 70 | 1.535 | 1.382 | 0.614 | 0.107 | 0.097 | 0.043 |
| CG45E227*1AA0100 | 220 | E | 22 | 8 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 | |
| CG45E227*1AA0125 | 220 | E | 22 | 8 | 125 | 1.149 | 1.034 | 0.460 | 0.144 | 0.129 | 0.057 | |
| CG45E227*1AA0150 | 220 | E | 22 | 8 | 150 | 1.049 | 0.944 | 0.420 | 0.157 | 0.142 | 0.063 | |
| CG45D337*1AA0050 | 330 | D | 33 | 8 | 50 | 1.732 | 1.559 | 0.693 | 0.087 | 0.078 | 0.035 | |
| CG45D337*1AA0065 | 330 | D | 33 | 8 | 65 | 1.519 | 1.367 | 0.608 | 0.099 | 0.089 | 0.039 | |
| CG45D337*1AA0100 | 330 | D | 33 | 8 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 | |
| CG45D337*1AA0150 | 330 | D | 33 | 8 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 | |
| CG45E337*1AA0040 | 330 | E | 33 | 8 | 40 | 2.031 | 1.828 | 0.812 | 0.081 | 0.073 | 0.032 | |

* To complete KESENES Part Number, insert M for ±20% tolerance or K for ±10% tolerance.

| Rated (V) | Part Number | Capa. (μ F) | Case Code | DCL (μ A) Max. | DF (%) Max. | ESR Max. (m Ω) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Rating (V) | | |
|------------------|------------------|-------------|-----------|----------------|-------------|------------------------|-----------------------------------|-------|-------|----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 10 | CG45E337*1AA0050 | 330 | E | 33 | 8 | 50 | 1.817 | 1.635 | 0.727 | 0.091 | 0.082 | 0.036 |
| | CG45E337*1AA0060 | 330 | E | 33 | 8 | 60 | 1.658 | 1.492 | 0.663 | 0.099 | 0.090 | 0.040 |
| | CG45E337*1AA0100 | 330 | E | 33 | 8 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45V337*1AA0040 | 330 | V | 33 | 10 | 40 | 2.500 | 2.250 | 1.000 | 0.100 | 0.090 | 0.040 |
| | CG45V337*1AA0060 | 330 | V | 33 | 10 | 60 | 2.041 | 1.837 | 0.816 | 0.122 | 0.110 | 0.049 |
| | CG45V337*1AA0100 | 330 | V | 33 | 10 | 100 | 1.581 | 1.423 | 0.632 | 0.158 | 0.142 | 0.063 |
| | CG45E477*1AA0045 | 470 | E | 47 | 10 | 45 | 1.915 | 1.723 | 0.766 | 0.086 | 0.078 | 0.034 |
| | CG45E477*1AA0050 | 470 | E | 47 | 10 | 50 | 1.817 | 1.635 | 0.727 | 0.091 | 0.082 | 0.036 |
| | CG45E477*1AA0060 | 470 | E | 47 | 10 | 60 | 1.658 | 1.492 | 0.663 | 0.099 | 0.090 | 0.040 |
| | CG45E477*1AA0100 | 470 | E | 47 | 10 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45E477*1AA0200 | 470 | E | 47 | 10 | 200 | 0.908 | 0.817 | 0.363 | 0.182 | 0.163 | 0.073 |
| | CG45V477*1AA0040 | 470 | V | 47 | 10 | 40 | 2.500 | 2.250 | 1.000 | 0.100 | 0.090 | 0.040 |
| | CG45V477*1AA0060 | 470 | V | 47 | 10 | 60 | 2.041 | 1.837 | 0.816 | 0.122 | 0.110 | 0.049 |
| | CG45V477*1AA0100 | 470 | V | 47 | 10 | 100 | 1.581 | 1.423 | 0.632 | 0.158 | 0.142 | 0.063 |
| 16 | CG45A225*1CA1800 | 2.2 | A | 0.5 | 6 | 1800 | 0.204 | 0.184 | 0.082 | 0.367 | 0.331 | 0.147 |
| | CG45A225*1CA3500 | 2.2 | A | 0.5 | 6 | 3500 | 0.146 | 0.132 | 0.059 | 0.512 | 0.461 | 0.205 |
| | CG45A335*1CA3500 | 3.3 | A | 0.5 | 6 | 3500 | 0.146 | 0.132 | 0.059 | 0.512 | 0.461 | 0.205 |
| | CG45A475*1CA2000 | 4.7 | A | 0.8 | 6 | 2000 | 0.194 | 0.174 | 0.077 | 0.387 | 0.349 | 0.155 |
| | CG45B475*1CA0800 | 4.7 | B | 0.8 | 6 | 800 | 0.326 | 0.293 | 0.130 | 0.261 | 0.235 | 0.104 |
| | CG45B475*1CA1500 | 4.7 | B | 0.8 | 6 | 1500 | 0.238 | 0.214 | 0.095 | 0.357 | 0.321 | 0.143 |
| | CG45A685*1CA1500 | 6.8 | A | 1.1 | 6 | 1500 | 0.224 | 0.201 | 0.089 | 0.335 | 0.302 | 0.134 |
| | CG45B685*1CA0600 | 6.8 | B | 1.1 | 6 | 600 | 0.376 | 0.339 | 0.151 | 0.226 | 0.203 | 0.090 |
| | CG45B685*1CA1200 | 6.8 | B | 1.1 | 6 | 1200 | 0.266 | 0.240 | 0.106 | 0.319 | 0.287 | 0.128 |
| | CG45B106*1CA0500 | 10 | B | 1.6 | 6 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |
| | CG45B106*1CA0800 | 10 | B | 1.6 | 6 | 800 | 0.326 | 0.293 | 0.130 | 0.261 | 0.235 | 0.104 |
| | CG45C106*1CA0500 | 10 | C | 1.6 | 6 | 500 | 0.469 | 0.422 | 0.188 | 0.235 | 0.211 | 0.094 |
| | CG45B156*1CA0500 | 15 | B | 2.4 | 6 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |
| | CG45B156*1CA0800 | 15 | B | 2.4 | 6 | 800 | 0.326 | 0.293 | 0.130 | 0.261 | 0.235 | 0.104 |
| | CG45B226*1CA0400 | 22 | B | 3.5 | 6 | 400 | 0.461 | 0.415 | 0.184 | 0.184 | 0.166 | 0.074 |
| | CG45B226*1CA0600 | 22 | B | 3.5 | 6 | 600 | 0.376 | 0.339 | 0.151 | 0.226 | 0.203 | 0.090 |
| | CG45C226*1CA0150 | 22 | C | 3.5 | 6 | 150 | 0.856 | 0.771 | 0.343 | 0.128 | 0.116 | 0.051 |
| | CG45C226*1CA0250 | 22 | C | 3.5 | 6 | 250 | 0.663 | 0.597 | 0.265 | 0.166 | 0.149 | 0.066 |
| | CG45C226*1CA0300 | 22 | C | 3.5 | 6 | 300 | 0.606 | 0.545 | 0.242 | 0.182 | 0.163 | 0.073 |
| | CG45C226*1CA0375 | 22 | C | 3.5 | 6 | 375 | 0.542 | 0.487 | 0.217 | 0.203 | 0.183 | 0.081 |
| | CG45B336*1CA0350 | 33 | B | 5.3 | 8 | 350 | 0.493 | 0.444 | 0.197 | 0.172 | 0.155 | 0.069 |
| | CG45B336*1CA0500 | 33 | B | 5.3 | 8 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |
| | CG45C336*1CA0100 | 33 | C | 5.3 | 6 | 100 | 1.049 | 0.944 | 0.420 | 0.105 | 0.094 | 0.042 |
| | CG45C336*1CA0150 | 33 | C | 5.3 | 6 | 150 | 0.856 | 0.771 | 0.343 | 0.128 | 0.116 | 0.051 |
| | CG45C336*1CA0225 | 33 | C | 5.3 | 6 | 225 | 0.699 | 0.629 | 0.280 | 0.157 | 0.142 | 0.063 |
| | CG45C336*1CA0300 | 33 | C | 5.3 | 6 | 300 | 0.606 | 0.545 | 0.242 | 0.182 | 0.163 | 0.073 |
| | CG45D336*1CA0200 | 33 | D | 5.3 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 |
| | CG45C476*1CA0110 | 47 | C | 7.5 | 6 | 110 | 1.000 | 0.900 | 0.400 | 0.110 | 0.099 | 0.044 |
| | CG45C476*1CA0350 | 47 | C | 7.5 | 6 | 350 | 0.561 | 0.505 | 0.224 | 0.196 | 0.177 | 0.078 |
| | CG45D476*1CA0080 | 47 | D | 7.5 | 6 | 80 | 1.369 | 1.232 | 0.548 | 0.110 | 0.099 | 0.044 |
| | CG45D476*1CA0100 | 47 | D | 7.5 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D476*1CA0150 | 47 | D | 7.5 | 6 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45D476*1CA0200 | 47 | D | 7.5 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 |
| CG45C686*1CA0125 | 68 | C | 10.9 | 6 | 125 | 0.938 | 0.844 | 0.375 | 0.117 | 0.106 | 0.047 | |

* To complete KESENES Part Number, insert M for ±20% tolerance or K for ±10% tolerance.

| Rated (V) | Part Number | Capa. (μ F) | Case Code | DCL (μ A) Max. | DF (%) Max. | ESR Max. (m Ω) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Rating (V) | | |
|------------------|------------------|-------------|-----------|----------------|-------------|------------------------|-----------------------------------|-------|-------|----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 16 | CG45C686*1CA0200 | 68 | C | 10.9 | 6 | 200 | 0.742 | 0.667 | 0.297 | 0.148 | 0.133 | 0.059 |
| | CG45D686*1CA0070 | 68 | D | 10.8 | 6 | 70 | 1.464 | 1.317 | 0.586 | 0.102 | 0.092 | 0.041 |
| | CG45D686*1CA0100 | 68 | D | 10.9 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D686*1CA0150 | 68 | D | 10.9 | 6 | 150 | 1.00 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45D107*1CA0060 | 100 | D | 16 | 6 | 60 | 1.581 | 1.423 | 0.632 | 0.095 | 0.085 | 0.038 |
| | CG45D107*1CA0100 | 100 | D | 16 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D107*1CA0125 | 100 | D | 16 | 6 | 125 | 1.095 | 0.986 | 0.438 | 0.137 | 0.123 | 0.055 |
| | CG45D107*1CA0150 | 100 | D | 16 | 6 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45E107*1CA0055 | 100 | E | 16 | 6 | 55 | 1.732 | 1.559 | 0.693 | 0.095 | 0.086 | 0.038 |
| | CG45E107*1CA0100 | 100 | E | 16 | 6 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45E107*1CA0125 | 100 | E | 16 | 6 | 125 | 1.149 | 1.034 | 0.460 | 0.144 | 0.129 | 0.057 |
| | CG45E107*1CA0150 | 100 | E | 16 | 6 | 150 | 1.049 | 0.944 | 0.420 | 0.157 | 0.142 | 0.063 |
| | CG45D157*1CA0060 | 150 | D | 24 | 6 | 60 | 1.581 | 1.423 | 0.632 | 0.095 | 0.085 | 0.038 |
| | CG45D157*1CA0085 | 150 | D | 24 | 6 | 85 | 1.328 | 1.196 | 0.531 | 0.113 | 0.102 | 0.045 |
| | CG45D157*1CA0100 | 150 | D | 24 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D157*1CA0125 | 150 | D | 24 | 6 | 125 | 1.095 | 0.986 | 0.438 | 0.137 | 0.123 | 0.055 |
| | CG45D157*1CA0150 | 150 | D | 24 | 6 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45E157*1CA0100 | 150 | E | 24 | 6 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45V157*1CA0045 | 150 | V | 24 | 8 | 45 | 2.357 | 2.121 | 0.943 | 0.106 | 0.095 | 0.042 |
| | CG45V157*1CA0075 | 150 | V | 24 | 8 | 75 | 1.826 | 1.643 | 0.730 | 0.137 | 0.123 | 0.055 |
| | CG45E227*1CA0100 | 220 | E | 35.2 | 10 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45E227*1CA0150 | 220 | E | 35.2 | 10 | 150 | 1.049 | 0.944 | 0.420 | 0.157 | 0.142 | 0.063 |
| | CG45V227*1CA0050 | 220 | V | 35.2 | 8 | 50 | 2.236 | 2.012 | 0.894 | 0.112 | 0.101 | 0.045 |
| | CG45V227*1CA0075 | 220 | V | 35.2 | 8 | 75 | 1.826 | 1.643 | 0.730 | 0.137 | 0.123 | 0.055 |
| CG45V227*1CA0100 | 220 | V | 35.2 | 8 | 100 | 1.581 | 1.423 | 0.632 | 0.158 | 0.142 | 0.063 | |
| CG45V227*1CA0150 | 220 | V | 35.2 | 8 | 150 | 1.291 | 1.162 | 0.516 | 0.194 | 0.174 | 0.077 | |
| 20 | CG45A105*1DA3000 | 1 | A | 0.5 | 4 | 3000 | 0.158 | 0.142 | 0.063 | 0.474 | 0.427 | 0.190 |
| | CG45P105*1DA6000 | 1 | P | 0.5 | 4 | 6000 | 0.096 | 0.086 | 0.038 | 0.574 | 0.517 | 0.230 |
| | CG45A225*1DA3000 | 2.2 | A | 0.5 | 6 | 3000 | 0.158 | 0.142 | 0.063 | 0.474 | 0.427 | 0.190 |
| | CG45A335*1DA2500 | 3.3 | A | 0.7 | 6 | 2500 | 0.173 | 0.156 | 0.069 | 0.433 | 0.390 | 0.173 |
| | CG45B335*1DA1300 | 3.3 | B | 0.7 | 6 | 1300 | 0.256 | 0.230 | 0.102 | 0.332 | 0.299 | 0.133 |
| | CG45A475*1DA1800 | 4.7 | A | 0.9 | 6 | 1800 | 0.204 | 0.184 | 0.082 | 0.367 | 0.331 | 0.147 |
| | CG45B475*1DA0750 | 4.7 | B | 0.9 | 6 | 750 | 0.337 | 0.303 | 0.135 | 0.252 | 0.227 | 0.101 |
| | CG45B475*1DA1000 | 4.7 | B | 0.9 | 6 | 1000 | 0.292 | 0.262 | 0.117 | 0.292 | 0.262 | 0.117 |
| | CG45A685*1DA1000 | 6.8 | A | 1.4 | 6 | 1000 | 0.274 | 0.246 | 0.110 | 0.274 | 0.246 | 0.110 |
| | CG45B685*1DA0600 | 6.8 | B | 1.4 | 6 | 600 | 0.376 | 0.339 | 0.151 | 0.226 | 0.203 | 0.090 |
| | CG45B685*1DA1000 | 6.8 | B | 1.4 | 6 | 1000 | 0.292 | 0.262 | 0.117 | 0.292 | 0.262 | 0.117 |
| | CG45C685*1DA0700 | 6.8 | C | 1.4 | 6 | 700 | 0.396 | 0.357 | 0.159 | 0.277 | 0.250 | 0.111 |
| | CG45B106*1DA0500 | 10 | B | 2 | 6 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |
| | CG45B106*1DA1000 | 10 | B | 2 | 6 | 1000 | 0.292 | 0.262 | 0.117 | 0.292 | 0.262 | 0.117 |
| | CG45C106*1DA0500 | 10 | C | 2 | 6 | 500 | 0.469 | 0.422 | 0.188 | 0.235 | 0.211 | 0.094 |
| | CG45C106*1DA0700 | 10 | C | 2 | 6 | 700 | 0.396 | 0.357 | 0.159 | 0.277 | 0.250 | 0.111 |
| | CG45B156*1DA0500 | 15 | B | 3 | 6 | 500 | 0.412 | 0.371 | 0.165 | 0.206 | 0.186 | 0.082 |
| | CG45C156*1DA0400 | 15 | C | 3 | 6 | 400 | 0.524 | 0.472 | 0.210 | 0.210 | 0.189 | 0.084 |
| | CG45C156*1DA0450 | 15 | C | 3 | 6 | 450 | 0.494 | 0.445 | 0.198 | 0.222 | 0.200 | 0.089 |
| | CG45B226*1DA0400 | 22 | B | 4.4 | 6 | 400 | 0.461 | 0.415 | 0.184 | 0.184 | 0.166 | 0.074 |
| | CG45B226*1DA0600 | 22 | B | 4.4 | 6 | 600 | 0.376 | 0.339 | 0.151 | 0.226 | 0.203 | 0.090 |
| | CG45C226*1DA0100 | 22 | C | 4.4 | 6 | 100 | 1.049 | 0.944 | 0.420 | 0.105 | 0.094 | 0.042 |

* To complete KESENES Part Number, insert M for ±20% tolerance or K for ±10% tolerance.

| Rated (V) | Part Number | Capa. (μ F) | Case Code | DCL (μ A) Max. | DF (%) Max. | ESR Max. (m Ω) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Rating (V) | | |
|------------------|------------------|-------------|-----------|----------------|-------------|------------------------|-----------------------------------|-------|-------|----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 20 | CG45C226*1DA0150 | 22 | C | 4.4 | 6 | 150 | 0.856 | 0.771 | 0.343 | 0.128 | 0.116 | 0.051 |
| | CG45C226*1DA0400 | 22 | C | 4.4 | 6 | 400 | 0.524 | 0.472 | 0.210 | 0.210 | 0.189 | 0.084 |
| | CG45D226*1DA0200 | 22 | D | 4.4 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 |
| | CG45D226*1DA0300 | 22 | D | 4.4 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45C336*1DA0300 | 33 | C | 6.6 | 6 | 300 | 0.606 | 0.545 | 0.242 | 0.182 | 0.163 | 0.073 |
| | CG45D336*1DA0100 | 33 | D | 6.6 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D336*1DA0200 | 33 | D | 6.6 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.155 | 0.069 |
| | CG45D476*1DA0075 | 47 | D | 9.4 | 6 | 75 | 1.414 | 1.273 | 0.566 | 0.106 | 0.095 | 0.042 |
| | CG45D476*1DA0100 | 47 | D | 9.4 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D476*1DA0200 | 47 | D | 9.4 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 |
| | CG45E476*1DA0070 | 47 | E | 9.4 | 6 | 70 | 1.535 | 1.382 | 0.614 | 0.107 | 0.097 | 0.043 |
| | CG45E476*1DA0125 | 47 | E | 9.4 | 6 | 125 | 1.149 | 1.034 | 0.460 | 0.144 | 0.129 | 0.057 |
| | CG45E476*1DA0150 | 47 | E | 9.4 | 6 | 150 | 1.049 | 0.944 | 0.420 | 0.157 | 0.142 | 0.063 |
| | CG45E476*1DA0200 | 47 | E | 9.4 | 6 | 200 | 0.908 | 0.817 | 0.363 | 0.182 | 0.163 | 0.073 |
| | CG45E476*1DA0250 | 47 | E | 9.4 | 6 | 250 | 0.812 | 0.731 | 0.325 | 0.203 | 0.183 | 0.081 |
| | CG45D686*1DA0070 | 68 | D | 13.6 | 6 | 70 | 1.464 | 1.317 | 0.586 | 0.102 | 0.092 | 0.041 |
| | CG45D686*1DA0150 | 68 | D | 13.6 | 6 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45D686*1DA0200 | 68 | D | 13.6 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 |
| | CG45D686*1DA0300 | 68 | D | 13.6 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45E686*1DA0125 | 68 | E | 13.6 | 6 | 125 | 1.149 | 1.034 | 0.460 | 0.144 | 0.129 | 0.057 |
| | CG45E686*1DA0150 | 68 | E | 13.6 | 6 | 150 | 1.049 | 0.944 | 0.420 | 0.157 | 0.142 | 0.063 |
| | CG45E686*1DA0200 | 68 | E | 13.6 | 6 | 200 | 0.908 | 0.817 | 0.363 | 0.182 | 0.163 | 0.073 |
| | CG45D107*1DA0085 | 100 | D | 20 | 6 | 85 | 1.328 | 1.196 | 0.531 | 0.113 | 0.102 | 0.045 |
| | CG45D107*1DA0100 | 100 | D | 20 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D107*1DA0150 | 100 | D | 20 | 6 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45E107*1DA0100 | 100 | E | 20 | 6 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45E107*1DA0150 | 100 | E | 20 | 6 | 150 | 1.049 | 0.944 | 0.420 | 0.157 | 0.142 | 0.063 |
| | CG45E107*1DA0200 | 100 | E | 20 | 6 | 200 | 0.908 | 0.817 | 0.363 | 0.182 | 0.163 | 0.073 |
| | CG45V107*1DA0060 | 100 | V | 20 | 8 | 60 | 2.041 | 1.837 | 0.816 | 0.122 | 0.110 | 0.049 |
| | CG45V107*1DA0085 | 100 | V | 20 | 8 | 85 | 1.715 | 1.543 | 0.686 | 0.146 | 0.131 | 0.058 |
| | CG45V107*1DA0100 | 100 | V | 20 | 8 | 100 | 1.581 | 1.423 | 0.632 | 0.158 | 0.142 | 0.063 |
| | CG45V107*1DA0200 | 100 | V | 20 | 8 | 200 | 1.118 | 1.006 | 0.447 | 0.224 | 0.201 | 0.089 |
| CG45V157*1DA0080 | 150 | V | 30 | 8 | 80 | 1.768 | 1.591 | 0.707 | 0.141 | 0.127 | 0.057 | |
| 25 | CG45A474*1EA7000 | 0.47 | A | 0.5 | 4 | 7000 | 0.104 | 0.093 | 0.041 | 0.725 | 0.652 | 0.290 |
| | CG45A684*1EA6000 | 0.68 | A | 0.5 | 4 | 6000 | 0.112 | 0.101 | 0.045 | 0.671 | 0.604 | 0.268 |
| | CG45P105*1EA2500 | 1 | P | 0.5 | 4 | 2500 | 0.148 | 0.133 | 0.059 | 0.371 | 0.334 | 0.148 |
| | CG45P105*1EA4000 | 1 | P | 0.5 | 4 | 4000 | 0.117 | 0.106 | 0.047 | 0.469 | 0.422 | 0.188 |
| | CG45A155*1EA3000 | 1.5 | A | 0.5 | 6 | 3000 | 0.158 | 0.142 | 0.063 | 0.474 | 0.427 | 0.190 |
| | CG45B155*1EA1800 | 1.5 | B | 0.5 | 6 | 1800 | 0.217 | 0.196 | 0.087 | 0.391 | 0.352 | 0.156 |
| | CG45B225*1EA0900 | 2.2 | B | 0.6 | 6 | 900 | 0.307 | 0.277 | 0.123 | 0.277 | 0.249 | 0.111 |
| | CG45B225*1EA1200 | 2.2 | B | 0.6 | 6 | 1200 | 0.266 | 0.240 | 0.106 | 0.319 | 0.287 | 0.128 |
| | CG45B225*1EA2500 | 2.2 | B | 0.6 | 6 | 2500 | 0.184 | 0.166 | 0.074 | 0.461 | 0.415 | 0.184 |
| | CG45A335*1EA1000 | 3.3 | A | 0.8 | 6 | 1000 | 0.274 | 0.246 | 0.110 | 0.274 | 0.246 | 0.110 |
| | CG45A335*1EA1500 | 3.3 | A | 0.8 | 6 | 1500 | 0.224 | 0.201 | 0.089 | 0.335 | 0.302 | 0.134 |
| | CG45B335*1EA0750 | 3.3 | B | 0.8 | 6 | 750 | 0.337 | 0.303 | 0.135 | 0.252 | 0.227 | 0.101 |
| | CG45B335*1EA1500 | 3.3 | B | 0.8 | 6 | 1500 | 0.238 | 0.214 | 0.095 | 0.357 | 0.321 | 0.143 |
| | CG45B335*1EA2000 | 3.3 | B | 0.8 | 6 | 2000 | 0.206 | 0.186 | 0.082 | 0.412 | 0.371 | 0.165 |
| | CG45B475*1EA0700 | 4.7 | B | 1.2 | 6 | 700 | 0.348 | 0.314 | 0.139 | 0.244 | 0.220 | 0.098 |

* To complete KESENES Part Number, insert M for ±20% tolerance or K for ±10% tolerance.

| Rated (V) | Part Number | Capa. (μ F) | Case Code | DCL (μ A) Max. | DF (%) Max. | ESR Max. (m Ω) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Rating (V) | | |
|------------------|------------------|-------------|-----------|----------------|-------------|------------------------|-----------------------------------|-------|-------|----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 25 | CG45B475*1EA0900 | 4.7 | B | 1.2 | 6 | 900 | 0.307 | 0.277 | 0.123 | 0.277 | 0.249 | 0.111 |
| | CG45B475*1EA1500 | 4.7 | B | 1.2 | 6 | 1500 | 0.238 | 0.214 | 0.095 | 0.357 | 0.321 | 0.143 |
| | CG45B685*1EA0700 | 6.8 | B | 1.7 | 6 | 700 | 0.348 | 0.314 | 0.139 | 0.244 | 0.220 | 0.098 |
| | CG45C685*1EA0500 | 6.8 | C | 1.7 | 6 | 500 | 0.469 | 0.422 | 0.188 | 0.235 | 0.211 | 0.094 |
| | CG45C685*1EA0600 | 6.8 | C | 1.7 | 6 | 600 | 0.428 | 0.385 | 0.171 | 0.257 | 0.231 | 0.103 |
| | CG45C685*1EA0700 | 6.8 | C | 1.7 | 6 | 700 | 0.396 | 0.357 | 0.159 | 0.277 | 0.250 | 0.111 |
| | CG45C106*1EA0300 | 10 | C | 2.5 | 6 | 300 | 0.606 | 0.545 | 0.242 | 0.182 | 0.163 | 0.073 |
| | CG45C106*1EA0500 | 10 | C | 2.5 | 6 | 500 | 0.469 | 0.422 | 0.188 | 0.235 | 0.211 | 0.094 |
| | CG45C156*1EA0220 | 15 | C | 3.8 | 6 | 220 | 0.707 | 0.636 | 0.283 | 0.156 | 0.140 | 0.062 |
| | CG45C156*1EA0300 | 15 | C | 3.8 | 6 | 300 | 0.606 | 0.545 | 0.242 | 0.182 | 0.163 | 0.073 |
| | CG45D156*1EA0100 | 15 | D | 3.8 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D156*1EA0300 | 15 | D | 3.8 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45C226*1EA0275 | 22 | C | 5.5 | 6 | 275 | 0.632 | 0.569 | 0.253 | 0.174 | 0.157 | 0.070 |
| | CG45C226*1EA0400 | 22 | C | 5.5 | 6 | 400 | 0.524 | 0.472 | 0.210 | 0.210 | 0.189 | 0.084 |
| | CG45D226*1EA0100 | 22 | D | 5.5 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D226*1EA0200 | 22 | D | 5.5 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 |
| | CG45D226*1EA0300 | 22 | D | 5.5 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45D336*1EA0100 | 33 | D | 8.3 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D336*1EA0200 | 33 | D | 8.3 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 |
| | CG45D336*1EA0300 | 33 | D | 8.3 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45E336*1EA0100 | 33 | E | 8.3 | 6 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45E336*1EA0175 | 33 | E | 8.3 | 6 | 175 | 0.971 | 0.874 | 0.388 | 0.170 | 0.153 | 0.068 |
| | CG45E336*1EA0200 | 33 | E | 8.3 | 6 | 200 | 0.908 | 0.817 | 0.363 | 0.182 | 0.163 | 0.073 |
| | CG45E336*1EA0300 | 33 | E | 8.3 | 6 | 300 | 0.742 | 0.667 | 0.297 | 0.222 | 0.200 | 0.089 |
| | CG45D476*1EA0125 | 47 | D | 11.8 | 6 | 125 | 1.095 | 0.986 | 0.438 | 0.137 | 0.123 | 0.055 |
| | CG45D476*1EA0150 | 47 | D | 11.8 | 6 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45D476*1EA0250 | 47 | D | 11.8 | 6 | 250 | 0.775 | 0.697 | 0.310 | 0.194 | 0.174 | 0.077 |
| | CG45E476*1EA0080 | 47 | E | 8.3 | 6 | 80 | 1.436 | 1.293 | 0.574 | 0.115 | 0.103 | 0.046 |
| | CG45E476*1EA0100 | 47 | E | 8.3 | 6 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45E476*1EA0125 | 47 | E | 8.3 | 6 | 125 | 1.149 | 1.034 | 0.460 | 0.144 | 0.129 | 0.057 |
| | CG45E686*1EA0125 | 68 | E | 17 | 6 | 125 | 1.149 | 1.034 | 0.460 | 0.144 | 0.129 | 0.057 |
| | CG45E686*1EA0200 | 68 | E | 17 | 6 | 200 | 0.908 | 0.817 | 0.363 | 0.182 | 0.163 | 0.073 |
| | CG45V686*1EA0080 | 68 | V | 17 | 6 | 80 | 1.768 | 1.591 | 0.707 | 0.141 | 0.127 | 0.057 |
| | CG45V686*1EA0095 | 68 | V | 17 | 6 | 95 | 1.622 | 1.460 | 0.649 | 0.154 | 0.139 | 0.062 |
| | CG45V686*1EA0150 | 68 | V | 17 | 6 | 150 | 1.291 | 1.162 | 0.516 | 0.194 | 0.174 | 0.077 |
| CG45V686*1EA0200 | 68 | V | 17 | 6 | 200 | 1.118 | 1.006 | 0.447 | 0.224 | 0.201 | 0.089 | |
| CG45V107*1EA0100 | 100 | V | 25 | 8 | 100 | 1.581 | 1.423 | 0.632 | 0.158 | 0.142 | 0.063 | |
| 35 | CG45A224*1VA6000 | 0.22 | A | 0.5 | 4 | 6000 | 0.112 | 0.101 | 0.045 | 0.671 | 0.604 | 0.268 |
| | CG45A334*1VA6000 | 0.33 | A | 0.5 | 4 | 6000 | 0.112 | 0.101 | 0.045 | 0.671 | 0.604 | 0.268 |
| | CG45A474*1VA6000 | 0.47 | A | 0.5 | 4 | 6000 | 0.112 | 0.101 | 0.045 | 0.671 | 0.604 | 0.268 |
| | CG45B474*1VA4000 | 0.47 | B | 0.5 | 4 | 4000 | 0.146 | 0.131 | 0.058 | 0.583 | 0.525 | 0.233 |
| | CG45A684*1VA6000 | 0.68 | A | 0.5 | 4 | 6000 | 0.112 | 0.101 | 0.045 | 0.671 | 0.604 | 0.268 |
| | CG45A105*1VA3000 | 1 | A | 0.5 | 4 | 3000 | 0.158 | 0.142 | 0.063 | 0.474 | 0.427 | 0.190 |
| | CG45B105*1VA2000 | 1 | B | 0.5 | 4 | 2000 | 0.206 | 0.186 | 0.082 | 0.412 | 0.371 | 0.165 |
| | CG45B155*1VA2500 | 1.5 | B | 0.5 | 6 | 2500 | 0.184 | 0.166 | 0.074 | 0.461 | 0.415 | 0.184 |
| | CG45A225*1VA1500 | 2.2 | A | 0.8 | 6 | 1500 | 0.224 | 0.201 | 0.089 | 0.335 | 0.302 | 0.134 |
| | CG45B225*1VA0750 | 2.2 | B | 0.8 | 6 | 750 | 0.337 | 0.303 | 0.135 | 0.252 | 0.227 | 0.101 |
| CG45B225*1VA1500 | 2.2 | B | 0.8 | 6 | 1500 | 0.238 | 0.214 | 0.095 | 0.357 | 0.321 | 0.143 | |

* To complete KESENES Part Number, insert M for ±20% tolerance or K for ±10% tolerance.

| Rated (V) | Part Number | Capa. (μ F) | Case Code | DCL (μ A) Max. | DF (%) Max. | ESR Max. (m Ω) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Rating (V) | | |
|------------------|------------------|-------------|-----------|----------------|-------------|------------------------|-----------------------------------|-------|-------|----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 35 | CG45B225*1VA2000 | 2.2 | B | 0.8 | 6 | 2000 | 0.206 | 0.186 | 0.082 | 0.412 | 0.371 | 0.165 |
| | CG45C225*1VA1000 | 2.2 | C | 0.8 | 6 | 1000 | 0.332 | 0.298 | 0.133 | 0.332 | 0.298 | 0.133 |
| | CG45B335*1VA1000 | 3.3 | B | 1.2 | 6 | 1000 | 0.292 | 0.262 | 0.117 | 0.292 | 0.262 | 0.117 |
| | CG45C335*1VA0700 | 3.3 | C | 1.2 | 6 | 700 | 0.396 | 0.357 | 0.159 | 0.277 | 0.250 | 0.111 |
| | CG45B475*1VA0700 | 4.7 | B | 1.2 | 6 | 700 | 0.348 | 0.314 | 0.139 | 0.244 | 0.220 | 0.098 |
| | CG45B475*1VA1500 | 4.7 | B | 1.2 | 6 | 1500 | 0.238 | 0.214 | 0.095 | 0.357 | 0.321 | 0.143 |
| | CG45C475*1VA0600 | 4.7 | C | 1.6 | 6 | 600 | 0.428 | 0.385 | 0.171 | 0.257 | 0.231 | 0.103 |
| | CG45C685*1VA0350 | 6.8 | C | 2.4 | 6 | 350 | 0.561 | 0.505 | 0.224 | 0.196 | 0.177 | 0.078 |
| | CG45D685*1VA0150 | 6.8 | D | 2.4 | 6 | 150 | 1.000 | 0.900 | 0.400 | 0.150 | 0.135 | 0.060 |
| | CG45D685*1VA0400 | 6.8 | D | 2.4 | 6 | 400 | 0.612 | 0.551 | 0.245 | 0.245 | 0.220 | 0.098 |
| | CG45D685*1VA0500 | 6.8 | D | 2.4 | 6 | 500 | 0.548 | 0.493 | 0.219 | 0.274 | 0.246 | 0.110 |
| | CG45D106*1VA0125 | 10 | D | 3.5 | 6 | 125 | 1.095 | 0.986 | 0.438 | 0.137 | 0.123 | 0.055 |
| | CG45D106*1VA0300 | 10 | D | 3.5 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45E106*1VA0200 | 10 | E | 3.5 | 6 | 200 | 0.908 | 0.817 | 0.363 | 0.182 | 0.163 | 0.073 |
| | CG45C156*1VA0350 | 15 | C | 5.3 | 6 | 350 | 0.561 | 0.505 | 0.224 | 0.196 | 0.177 | 0.078 |
| | CG45C156*1VA0450 | 15 | C | 5.3 | 6 | 450 | 0.494 | 0.445 | 0.198 | 0.222 | 0.200 | 0.089 |
| | CG45D156*1VA0100 | 15 | D | 5.3 | 6 | 100 | 1.225 | 1.102 | 0.490 | 0.122 | 0.110 | 0.049 |
| | CG45D156*1VA0300 | 15 | D | 5.3 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45D226*1VA0125 | 22 | D | 7.7 | 6 | 125 | 1.095 | 0.986 | 0.438 | 0.137 | 0.123 | 0.055 |
| | CG45D226*1VA0200 | 22 | D | 7.7 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 |
| | CG45D226*1VA0300 | 22 | D | 7.7 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45D226*1VA0400 | 22 | D | 7.7 | 6 | 400 | 0.612 | 0.551 | 0.245 | 0.245 | 0.220 | 0.098 |
| | CG45E226*1VA0125 | 22 | E | 7.7 | 6 | 125 | 1.149 | 1.034 | 0.460 | 0.144 | 0.129 | 0.057 |
| | CG45E226*1VA0200 | 22 | E | 7.7 | 6 | 200 | 0.908 | 0.817 | 0.363 | 0.182 | 0.163 | 0.073 |
| | CG45E226*1VA0300 | 22 | E | 7.7 | 6 | 300 | 0.742 | 0.667 | 0.297 | 0.222 | 0.200 | 0.089 |
| | CG45D336*1VA0200 | 33 | D | 11.6 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 |
| | CG45D336*1VA0300 | 33 | D | 11.6 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45E336*1VA0100 | 33 | E | 11.6 | 6 | 100 | 1.285 | 1.156 | 0.514 | 0.128 | 0.116 | 0.051 |
| | CG45E336*1VA0250 | 33 | E | 11.6 | 6 | 250 | 0.812 | 0.731 | 0.325 | 0.203 | 0.183 | 0.081 |
| | CG45E336*1VA0300 | 33 | E | 11.6 | 6 | 300 | 0.742 | 0.667 | 0.297 | 0.222 | 0.200 | 0.089 |
| | CG45V336*1VA0200 | 33 | V | 11.6 | 6 | 200 | 1.118 | 1.006 | 0.447 | 0.224 | 0.201 | 0.089 |
| | CG45E476*1VA0200 | 47 | E | 16.5 | 6 | 200 | 0.908 | 0.817 | 0.363 | 0.182 | 0.163 | 0.073 |
| | CG45E476*1VA0250 | 47 | E | 16.5 | 6 | 250 | 0.812 | 0.731 | 0.325 | 0.203 | 0.183 | 0.081 |
| | CG45V476*1VA0150 | 47 | V | 16.5 | 6 | 150 | 1.291 | 1.162 | 0.516 | 0.194 | 0.174 | 0.077 |
| | CG45V476*1VA0200 | 47 | V | 16.5 | 6 | 200 | 1.118 | 1.006 | 0.447 | 0.224 | 0.201 | 0.089 |
| CG45V686M1VA0150 | 68 | V | 23.8 | 6 | 150 | 1.291 | 1.162 | 0.516 | 0.194 | 0.174 | 0.077 | |
| CG45V686M1VA0200 | 68 | V | 23.8 | 6 | 200 | 1.118 | 1.006 | 0.447 | 0.224 | 0.201 | 0.089 | |
| 50 | CG45A154*1TA9000 | 0.15 | A | 0.5 | 4 | 9000 | 0.091 | 0.082 | 0.037 | 0.822 | 0.739 | 0.329 |
| | CG45A224*1TA7000 | 0.22 | A | 0.5 | 4 | 7000 | 0.104 | 0.093 | 0.041 | 0.725 | 0.652 | 0.290 |
| | CG45C105*1TA2500 | 1 | C | 0.5 | 4 | 2500 | 0.210 | 0.189 | 0.084 | 0.524 | 0.472 | 0.210 |
| | CG45C155*1TA1500 | 1.5 | C | 0.8 | 6 | 1500 | 0.271 | 0.244 | 0.108 | 0.406 | 0.366 | 0.162 |
| | CG45C155*1TA2000 | 1.5 | C | 0.8 | 6 | 2000 | 0.235 | 0.211 | 0.094 | 0.469 | 0.422 | 0.188 |
| | CG45D225*1TA1200 | 2.2 | D | 1.1 | 6 | 1200 | 0.354 | 0.318 | 0.141 | 0.424 | 0.382 | 0.170 |
| | CG45D335*1TA0800 | 3.3 | D | 1.7 | 6 | 800 | 0.433 | 0.390 | 0.173 | 0.346 | 0.312 | 0.139 |
| | CG45D475*1TA0300 | 4.7 | D | 2.4 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45D475*1TA0500 | 4.7 | D | 2.4 | 6 | 500 | 0.548 | 0.493 | 0.219 | 0.274 | 0.246 | 0.110 |
| | CG45D475*1TA0700 | 4.7 | D | 2.4 | 6 | 700 | 0.463 | 0.417 | 0.185 | 0.324 | 0.292 | 0.130 |
| CG45D685*1TA0200 | 6.8 | D | 3.4 | 6 | 200 | 0.866 | 0.779 | 0.346 | 0.173 | 0.156 | 0.069 | |

* To complete KESENES Part Number, insert M for ±20% tolerance or K for ±10% tolerance.

| Rated (V) | Part Number | Capa. (μ F) | Case Code | DCL (μ A) Max. | DF (%) Max. | ESR Max. ($m\Omega$) @100kHz | 100kHz Ripple Current Ratings (A) | | | 100kHz Ripple Voltage Rating (V) | | |
|-----------|------------------|------------------|-----------|---------------------|-------------|--------------------------------|-----------------------------------|-------|-------|----------------------------------|-------|-------|
| | | | | | | | 25°C | 85°C | 125°C | 25°C | 85°C | 125°C |
| 50 | CG45D685*1TA0300 | 6.8 | D | 3.4 | 6 | 300 | 0.707 | 0.636 | 0.283 | 0.212 | 0.191 | 0.085 |
| | CG45D685*1TA0500 | 6.8 | D | 3.4 | 6 | 500 | 0.548 | 0.493 | 0.219 | 0.274 | 0.246 | 0.110 |
| | CG45D685*1TA0600 | 6.8 | D | 3.4 | 6 | 600 | 0.500 | 0.450 | 0.200 | 0.300 | 0.270 | 0.120 |
| | CG45E106*1TA0400 | 10 | E | 5 | 6 | 400 | 0.642 | 0.578 | 0.257 | 0.257 | 0.231 | 0.103 |
| | CG45E106*1TA0500 | 10 | E | 5 | 6 | 500 | 0.574 | 0.517 | 0.230 | 0.287 | 0.259 | 0.115 |
| | CG45E156*1TA0250 | 15 | E | 5 | 6 | 250 | 0.812 | 0.731 | 0.325 | 0.203 | 0.183 | 0.081 |

* To complete KESENES Part Number, insert M for $\pm 20\%$ tolerance or K for $\pm 10\%$ tolerance.