# Automotive Capacitors for Power Train/Safety Applications

muRata Innovator in Electronics

## GCM SERIES (CONT.)

This product is RoHS compliant.

RoHS Compliant

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Murata Part No. | Value (pF) | Volt (DC) | Temerature Coefficient | Case Size | Tolerance | Price Each 1 | Price Each 50 | Price Each 100 | Price Each 500 | Reel Qty. | Price Per Piece |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 81-GCM1885C1H101JA6D | GCM1885C1H101JA16D | 100 | 50 | C0G | 0603 | 5% | .15 | .073 | .054 | .029 | 4000 | .014 |
| 81-GCM1885C2A101JA6D | GCM1885C2A101JA16D | 100 | 100 | C0G | 0603 | 5% | .10 | .034 | .029 | .024 | 4000 | .016 |
| 81-GCM1885C1H151JA6D | GCM1885C1H151JA16D | 150 | 50 | C0G | 0603 | 5% | .11 | .088 | .066 | .035 | 4000 | .02 |
| 81-GCM1885C2A151JA6D | GCM1885C2A151JA16D | 150 | 100 | C0G | 0603 | 5% | .10 | .037 | .032 | .027 | 4000 | .018 |
| 81-GCM1885C1H221JA6D | GCM1885C1H221JA16D | 220 | 50 | C0G | 0603 | 5% | .10 | .035 | .03 | .025 | 4000 | .017 |
| 81-GCM1885C2A221JA6D | GCM1885C2A221JA16D | 220 | 100 | C0G | 0603 | 5% | .10 | .041 | .037 | .032 | 4000 | .019 |
| 81-GCM1885C1H331JA6D | GCM1885C1H331JA16D | 330 | 50 | C0G | 0603 | 5% | .10 | .036 | .031 | .026 | 4000 | .017 |
| 81-GCM1885C2A331JA6D | GCM1885C2A331JA16D | 330 | 100 | C0G | 0603 | 5% | .10 | .045 | .041 | .035 | 4000 | .021 |
| 81-GCM1885C1H471JA6D | GCM1885C1H471JA16D | 470 | 50 | C0G | 0603 | 5% | .10 | .035 | .03 | .025 | 4000 | .017 |
| 81-GCM1885C2A471JA6D | GCM1885C2A471JA16D | 470 | 100 | C0G | 0603 | 5% | .10 | .05 | .045 | .039 | 4000 | .021 |
| 81-GCM1885C1H681JA6D | GCM1885C1H681JA16D | 680 | 50 | C0G | 0603 | 5% | .10 | .044 | .039 | .033 | 4000 | .02 |
| 81-GCM1885C2A681JA6D | GCM1885C2A681JA16D | 680 | 100 | C0G | 0603 | 5% | .10 | .058 | .052 | .045 | 4000 | .027 |
| 81-GCM1885C1H102JA6D | GCM1885C1H102JA16D | 1,000 | 50 | C0G | 0603 | 5% | .10 | .034 | .03 | .025 | 4000 | .016 |
| 81-GCM1885C2A102JA6D | GCM1885C2A102JA16D | 1,000 | 100 | C0G | 0603 | 5% | .10 | .042 | .037 | .032 | 4000 | .019 |
| 81-GCM1885C1H152JA6D | GCM1885C1H152JA16D | 1,500 | 50 | C0G | 0603 | 5% | .10 | .043 | .037 | .031 | 4000 | .02 |
| 81-GCM1885C2A152JA6D | GCM1885C2A152JA16D | 1,500 | 100 | C0G | 0603 | 5% | .09 | .057 | .051 | .044 | 4000 | .026 |
| 81-GCM1885C1H222JA6D | GCM1885C1H222JA16D | 2,200 | 50 | C0G | 0603 | 5% | .10 | .04 | .036 | .031 | 4000 | .019 |
| 81-GCM188R71H102KA7D | GCM188R71H102KA37D | 1,000 | 50 | X7R | 0603 | 10% | .09 | .05 | .036 | .019 | 4000 | .009 |
| 81-GCM188R72A102KA7D | GCM188R72A102KA37D | 1,000 | 100 | X7R | 0603 | 10% | .10 | .026 | .023 | .019 | 4000 | .01 |
| 81-GCM188R71H222K37D | GCM188R71H222KA37D | 2,200 | 50 | X7R | 0603 | 10% | .09 | .018 | .015 | .008 | 4000 | .005 |
| 81-GCM188R72A222K37D | GCM188R72A222KA37D | 2,200 | 100 | X7R | 0603 | 10% | .15 | .072 | .054 | .028 | 4000 | .014 |
| 81-GCM188R71H472K37D | GCM188R71H472KA37D | 4,700 | 50 | X7R | 0603 | 10% | .09 | .018 | .015 | .008 | 4000 | .005 |
| 81-GCM188R72A472K37D | GCM188R72A472KA37D | 4,700 | 100 | X7R | 0603 | 10% | .10 | .036 | .031 | .026 | 4000 | .017 |
| 81-GCM188R71H103KA7D | GCM188R71H103KA37D | 0.01uF | 50 | X7R | 0603 | 10% | .09 | .019 | .016 | .013 | 4000 | .008 |
| 81-GCM188R72A103KA7D | GCM188R72A103KA37D | 0.01uF | 100 | X7R | 0603 | 10% | .15 | .051 | .038 | .02 | 4000 | .01 |
| 81-GCM188R71H223K37D | GCM188R71H223KA37D | 0.022uF | 50 | X7R | 0603 | 10% | .10 | .029 | .025 | .021 | 4000 | .014 |
| 81-GCM188R72A223KA7D | GCM188R72A223KA37D | 0.022uF | 100 | X7R | 0603 | 10% | .10 | .042 | .037 | .03 | 4000 | .02 |
| 81-GCM188R71H473K55D | GCM188R71H473KA55D | 0.047uF | 50 | X7R | 0603 | 10% | .10 | .093 | .072 | .036 | 4000 | .019 |
| 81-GCM188R71C104KA7D | GCM188R71C104KA37D | 0.1uF | 16 | X7R | 0603 | 10% | .12 | .065 | .048 | .025 | 4000 | .012 |
| 81-GCM188R71H104KA7D | GCM188R71H104KA57D | 0.1uF | 50 | X7R | 0603 | 10% | .09 | .039 | .034 | .028 | 4000 | .018 |
| 81-GCM188R71E224K55D | GCM188R71E224KA55D | 0.22uF | 25 | X7R | 0603 | 10% | .21 | .145 | .112 | .057 | 4000 | .03 |
| 81-GCM188R71C474KA5D | GCM188R71C474KA55D | 0.47uF | 16 | X7R | 0603 | 10% | .10 | .058 | .052 | .045 | 4000 | .027 |
| 81-GCM188R71E474KA4D | GCM188R71E474KA64D | 0.47uF | 25 | X7R | 0603 | 10% | .15 | .104 | .093 | .08 | 4000 | .048 |
| 81-GCM2165C2A222J16D | GCM2165C2A222JA16D | 2,200 | 100 | C0G | 0805 | 5% | .13 | .093 | .084 | .072 | 4000 | .043 |
| 81-GCM2165C2A332J16D | GCM2165C2A332JA16D | 3,300 | 100 | C0G | 0805 | 5% | .16 | .116 | .104 | .089 | 4000 | .054 |
| 81-GCM2165C1H472J16D | GCM2165C1H472JA16D | 4,700 | 50 | C0G | 0805 | 5% | .15 | .103 | .093 | .079 | 4000 | .048 |
| 81-GCM2195C1H682J16D | GCM2195C1H682JA16D | 6,800 | 50 | C0G | 0805 | 5% | .18 | .131 | .117 | .10 | 4000 | .06 |
| 81-GCM2195C1H103JA6D | GCM2195C1H103JA16D | 0.01uF | 50 | C0G | 0805 | 5% | .25 | .174 | .156 | .133 | 4000 | .076 |
| 81-GCM21BR72A473K37L | GCM21BR72A473KA37L | 0.047uF | 100 | X7R | 0805 | 10% | .32 | .187 | .149 | .072 | 3000 | .047 |
| 81-GCM21BR72A104KA7L | GCM21BR72A104KA37L | 0.1uF | 100 | X7R | 0805 | 10% | .12 | .082 | .073 | .063 | 3000 | .038 |
| 81-GCM21BR71H224K37L | GCM21BR71H224KA37L | 0.22uF | 50 | X7R | 0805 | 10% | .16 | .11 | .099 | .084 | 3000 | .051 |
| 81-GCM21BR71H474KA5L | GCM21BR71H474KA55L | 0.47uF | 50 | X7R | 0805 | 10% | .23 | .165 | .148 | .127 | 3000 | .077 |
| 81-GCM21BR71E105KA6L | GCM21BR71E105KA56L | 1.0uF | 25 | X7R | 0805 | 10% | .35 | .209 | .167 | .081 | 3000 | .053 |
| 81-GCM21BR71C225KA4L | GCM21BR71C225KA64L | 2.2uF | 16 | X7R | 0805 | 10% | .44 | .251 | .209 | .134 | 3000 | .075 |
| 81-GCM21BR71E225KA3L | GCM21BR71E225KA73L | 2.2uF | 25 | X7R | 0805 | 10% | .66 | .398 | .349 | .249 | 3000 | .133 |
| 81-GCM3195C2A472J16D | GCM3195C2A472JA16D | 4,700 | 100 | C0G | 1206 | 5% | .41 | .284 | .263 | .231 | 4000 | .138 |
| 81-GCM3195C2A562JA6D | GCM3195C2A562JA16D | 5,600 | 100 | C0G | 1206 | 5% | .67 | .402 | .352 | .251 | 4000 | .149 |
| 81-GCM3195C2A682J16D | GCM3195C2A682JA16D | 6,800 | 100 | C0G | 1206 | 5% | .46 | .322 | .299 | .262 | 4000 | .156 |
| 81-GCM3195C2A103J16D | GCM3195C2A103JA16D | 0.01uF | 100 | C0G | 1206 | 5% | .46 | .335 | .309 | .268 | 4000 | .165 |
| 81-GCM3195C1H223JA6D | GCM3195C1H223JA16D | 0.022uF | 50 | C0G | 1206 | 5% | .38 | .265 | .246 | .216 | 4000 | .129 |
| 81-GCM31MR72A224K37L | GCM31MR72A224KA37L | 0.22uF | 100 | X7R | 1206 | 10% | .47 | .267 | .222 | .142 | 3000 | .08 |
| 81-GCM31MR71H105KA5L | GCM31MR71H105KA55L | 1.0uF | 50 | X7R | 1206 | 10% | .52 | .294 | .245 | .157 | 3000 | .088 |
| 81-GCM31CR71H225KA5L | GCM31CR71H225KA55L | 2.2uF | 50 | X7R | 1206 | 10% | .63 | .358 | .298 | .191 | 2000 | .107 |
| 81-GCM31CR71E475KA5L | GCM31CR71E475KA55L | 4.7uF | 25 | X7R | 1206 | 10% | .59 | .353 | .309 | .221 | 2000 | .118 |
| 81-GCM31CR71A106KA4L | GCM31CR71A106KA64L | 10uF | 10 | X7R | 1206 | 10% | .42 | .296 | .275 | .241 | 2000 | .152 |
| 81-GCM31CR71C106KA4L | GCM31CR71C106KA64L | 10uF | 16 | X7R | 1206 | 10% | 1.07 | .722 | .655 | .532 | 2000 | .276 |
| 81-GCM31CR70J226KE3L | GCM31CR70J226KE23L | 22uF | 6.3 | X7R | 1206 | 10% | 1.22 | .822 | .746 | .605 | 2000 | .314 |
| 81-GCM32DR72A225K64L | GCM32DR72A225KA64L | 2.2uF | 100 | X7R | 1210 | 10% | 1.94 | 1.39 | 1.27 | 1.04 | 2000 | .55 |
| 81-GCM32ER71H475KA5L | GCM32ER71H475KA55L | 4.7uF | 50 | X7R | 1210 | 10% | 1.59 | 1.14 | 1.04 | .857 | 2000 | .45 |
| 81-GCM32ER71E106KA7L | GCM32ER71E106KA57L | 10uF | 25 | X7R | 1210 | 10% | 1.14 | .771 | .70 | .568 | 2000 | .29 |
| 81-GCM32ER71A226KE2L | GCM32ER71A226KE12L | 22uF | 10 | X7R | 1210 | 10% | 1.59 | 1.14 | 1.04 | .857 | 2000 | .45 |
| 81-GCM21A7U2E101JX1D | GCM21A7U2E101JX01D | 100pF | 250 | U2J | 0805 | 5% | .25 | .174 | .156 | .133 | 4000 | .076 |
| 81-GCM21A7U2E151JX1D | GCM21A7U2E151JX01D | 150pF | 250 | U2J | 0805 | 5% | .52 | .296 | .247 | .158 | 4000 | .084 |
| 81-GCM21A7U2E221JX1D | GCM21A7U2E221JX01D | 220pF | 250 | U2J | 0805 | 5% | .53 | .304 | .253 | .162 | 4000 | .086 |
| 81-GCM21A7U2E331JX1D | GCM21A7U2E331JX01D | 330pF | 250 | U2J | 0805 | 5% | .60 | .341 | .284 | .182 | 4000 | .097 |
| 81-GCM21A7U2E471JX1D | GCM21A7U2E471JX01D | 470pF | 250 | U2J | 0805 | 5% | .70 | .398 | .332 | .212 | 4000 | .113 |
| 81-GCM21A7U2E681JX1D | GCM21A7U2E681JX01D | 680pF | 250 | U2J | 0805 | 5% | .70 | .398 | .332 | .212 | 4000 | .113 |
| 81-GCM21A7U2E102JX1D | GCM21A7U2E102JX01D | 1000pF | 250 | U2J | 0805 | 5% | .70 | .398 | .332 | .212 | 4000 | .113 |
| 81-GCM21A7U2E152JX1D | GCM21A7U2E152JX01D | 1500pF | 250 | U2J | 0805 | 5% | .70 | .398 | .332 | .212 | 4000 | .113 |
| 81-GCM21A7U2E222JX1D | GCM21A7U2E222JX01D | 2200pF | 250 | U2J | 0805 | 5% | .70 | .398 | .332 | .212 | 4000 | .113 |
| 81-GCM31A7U2E332JX1D | GCM31A7U2E332JX01D | 3300pF | 250 | U2J | 1206 | 5% | .57 | .34 | .298 | .213 | 4000 | .107 |
| 81-GCM31A7U2E472JX1D | GCM31A7U2E472JX01D | 4700pF | 250 | U2J | 1206 | 5% | .57 | .34 | .298 | .213 | 4000 | .107 |
| 81-GCM31B7U2E682JX1L | GCM31B7U2E682JX01L | 6800pF | 250 | U2J | 1206 | 5% | .70 | .418 | .365 | .261 | 3000 | .139 |
| 81-GCM31B7U2E103JX1L | GCM31B7U2E103JX01L | 10000pF | 250 | U2J | 1206 | 5% | .70 | .418 | .365 | .261 | 3000 | .139 |
| 81-GCM31A7U2J100JX1D | GCM31A7U2J100JX01D | 10pF | 630 | U2J | 1206 | 5% | .59 | .355 | .311 | .222 | 4000 | .111 |
| 81-GCM31A7U2J150JX1D | GCM31A7U2J150JX01D | 15pF | 630 | U2J | 1206 | 5% | .59 | .355 | .311 | .222 | 4000 | .111 |
| 81-GCM31A7U2J220JX1D | GCM31A7U2J220JX01D | 22pF | 630 | U2J | 1206 | 5% | .59 | .355 | .311 | .222 | 4000 | .111 |
| 81-GCM31A7U2J330JX1D | GCM31A7U2J330JX01D | 33pF | 630 | U2J | 1206 | 5% | .59 | .355 | .311 | .222 | 4000 | .111 |
| 81-GCM31A7U2J470JX1D | GCM31A7U2J470JX01D | 47pF | 630 | U2J | 1206 | 5% | .73 | .419 | .349 | .223 | 4000 | .119 |
| 81-GCM31A7U2J680JX1D | GCM31A7U2J680JX01D | 68pF | 630 | U2J | 1206 | 5% | .59 | .355 | .311 | .222 | 4000 | .111 |
| 81-GCM31A7U2J101JX1D | GCM31A7U2J101JX01D | 100pF | 630 | U2J | 1206 | 5% | .67 | .384 | .32 | .204 | 4000 | .109 |
| 81-GCM31A7U2J151JX1D | GCM31A7U2J151JX01D | 150pF | 630 | U2J | 1206 | 5% | .66 | .377 | .314 | .201 | 4000 | .107 |
| 81-GCM31A7U2J221JX1D | GCM31A7U2J221JX01D | 220pF | 630 | U2J | 1206 | 5% | .70 | .40 | .333 | .213 | 4000 | .113 |
| 81-GCM31A7U2J331JX1D | GCM31A7U2J331JX01D | 330pF | 630 | U2J | 1206 | 5% | .70 | .40 | .333 | .213 | 4000 | .113 |
| 81-GCM31A7U2J471JX1D | GCM31A7U2J471JX01D | 470pF | 630 | U2J | 1206 | 5% | .70 | .40 | .333 | .213 | 4000 | .113 |
| 81-GCM31A7U2J681JX1D | GCM31A7U2J681JX01D | 680pF | 630 | U2J | 1206 | 5% | .56 | .336 | .294 | .21 | 4000 | .105 |
| 81-GCM31A7U2J102JX1D | GCM31A7U2J102JX01D | 1000pF | 630 | U2J | 1206 | 5% | .58 | .35 | .306 | .219 | 4000 | .11 |
| 81-GCM32A7U2J152JX1D | GCM32A7U2J152JX01D | 1500pF | 630 | U2J | 1210 | 5% | 1.05 | .672 | .605 | .487 | 4000 | .235 |
| 81-GCM32A7U2J222JX1D | GCM32A7U2J222JX01D | 2200pF | 630 | U2J | 1210 | 5% | 1.05 | .672 | .605 | .487 | 4000 | .235 |



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