


FEATURES

- *Small Size*
- *Versatile Performer*
- *Long Life*
- *Inexpensive*


GMR SPECIFICATIONS

| | |
|---|------------------------------------|
| Capacitance Tolerance | -20, +80% (Z) ±20% (M) |
| Operating Temperature Range | -30°C to +85°C |
| Operating Voltage | 12 WVDC |
| Insulation Resistance 12WVDC @ 1min. | ≥ 1 MΩ |
| Dissipation Factor 1kHz, +20°C | 5.0% max.@ 1kHz |
| Temperature Characteristics | Y5T, Y5U |
| Dielectric Strengths | 250% rated voltage (60 seconds) |
| Life Test Specification | 1000 hrs. at 200% of rated voltage |

|  PART NUMBER | Capacitance (µf) | Capacitance Tolerance | Temp. Char. | D Max. | T Max. | s | d |
|---|------------------|-----------------------|-------------|--------|--------|---------|---------|
| 473GMR012M | .047 | ±20%(M) | Y5T | 6.0 | 3.5 | 5.0±1.5 | .47±.02 |
| 104GMR012M | .1 | ±20%(M) | Y5U | 9.0 | 3.5 | 5.0±1.5 | .47±.02 |
| 204GMR012Z | .2 | -20%, +80% (Z) | Y5U | 9.0 | 3.5 | 7.5±1.5 | .47±.02 |

GQR SPECIFICATIONS

| | | |
|-----------------------------------|---|--------------------------|
| Capacitance Tolerance | -20, +80% (Z) | |
| Operating Temperature Range | +10°C to +85°C (Z5V) | -30°C to +85°C (Y5P) |
| Operating Voltage | 500 WVDC | |
| Insulation Resistance | ≥ 1000 MΩ | |
| Dissipation Factor 1kHz, +20°C | Class II 2.5% Max.(Y5P) | Class III 3.0% Max.(Z5V) |
| Temperature Characteristics | Z5V, Y5P | |
| Dielectric Strengths | 250% rated voltage (60 seconds) | |
| Life Test Specification | 1000 hrs. at 200% of rated voltage E.I.A. RS 198, Class II (Y5P), Class III (Z5V) | |

|  PART NUMBER | Capacitance (µf) | Capacitance Tolerance | Temperature Characteristics | D Max. | T Max. | s | d |
|---|------------------|-----------------------|-----------------------------|--------|--------|-----------|----------|
| 102GQR500Z | .001 | -20%, +80% (Z) | Y5P | 6.0 | 3.0 | 5.0 ±1.5 | .58 ±.02 |
| 103GQR500Z | .01 | -20%, +80% (Z) | Z5V | 8.0 | 3.0 | 6.35 ±1.5 | .58 ±.02 |

