

# General Purpose Disc Ceramic Capacitors

**MALLORY**



- General Purpose
- Ideal For Use in Non-critical Coupling, Bypass and Filter Applications
- Conformally Coated
- Radial Leads

## GENERAL SPECIFICATIONS

Temperature Range:  
-30°C to +85°C

Voltage Range:  
50, 100, 500,  
1,000, 2,000, 3,000 WVDC

Capacitance Range:  
1 pF to 100,000 pF

Lead Length: 1 inch minimum

Insulation Resistance:  
10,000 megohms (min)

Power Factor @ 1kHz:  
2.5% Max (Y5V: 5%)

Breakdown Voltage:  
2.5 x rated  
(5 seconds Max)

**\*\*Please note: Y5U Will no longer be available once stock is depleted. (2/23/05)**

| Capacity<br>pF | Tol    | Temp<br>Coef | Size<br>(Inches)<br>D T S d | Size<br>(Millimeters)<br>D T S d | Catalog<br>Number |
|----------------|--------|--------------|-----------------------------|----------------------------------|-------------------|
| <b>50 WVDC</b> |        |              |                             |                                  |                   |
| 1              | .25pF  | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE010C            |
| 3              | .25pF  | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE030C            |
| 5              | .25pF  | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE050C            |
| 6              | .5pF   | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE060D            |
| 7              | .5pF   | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE070D            |
| 8              | .5pF   | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE080D            |
| 10             | .5pF   | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE100D            |
| 12             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE120K            |
| 15             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE150K            |
| 18             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE180K            |
| 20             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE200K            |
| 22             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE220K            |
| 24             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE240K            |
| 27             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE270K            |
| 33             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE330K            |
| 39             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE390K            |
| 47             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE470K            |
| 51             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE510K            |
| 56             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE560K            |
| 68             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE680K            |
| 75             | 10%    | SL           | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE750K            |
| 82             | 10%    | SL           | .197 .118 .098 .016         | 5.0 3.0 2.5 .4                   | GE820K            |
| 91             | 10%    | SL           | .197 .118 .098 .016         | 5.0 3.0 2.5 .4                   | GE910K            |
| 100            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE101K            |
| 120            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE121K            |
| 150            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE151K            |
| 180            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE181K            |
| 220            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE221K            |
| 270            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE271K            |
| 330            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE331K            |
| 390            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE391K            |
| 470            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE471K            |
| 560            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE561K            |
| 680            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE681K            |
| 820            | 10%    | Y5P          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE821K            |
| 1,000          | 10%    | Y5P          | .197 .118 .098 .016         | 5.0 3.0 2.5 .4                   | GE102K            |
| 1,000          | 20%    | Y5T          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE102M            |
| 1,000          | -20+80 | Y5V          | .157 .118 .098 .016         | 4.0 3.0 2.5 .4                   | GE102Z            |
| 1,500          | 10%    | Y5P          | .197 .118 .098 .016         | 5.0 3.0 2.5 .4                   | GE152K            |
| 1,500          | 20%    | Y5T          | .197 .118 .098 .016         | 5.0 3.0 2.5 .4                   | GE152M            |
| 1,800          | 10%    | Y5P          | .236 .118 .197 .020         | 6.0 3.0 5.0 .5                   | GE182K            |
| 2,200          | 10%    | Y5P          | .236 .118 .197 .020         | 6.0 3.0 5.0 .5                   | GE222K            |
| 2,200          | 20%    | Y5U          | .197 .118 .098 .016         | 5.0 3.0 2.5 .4                   | GE222M            |
| 2,700          | 10%    | Y5P          | .276 .118 .197 .020         | 7.0 3.0 5.0 .5                   | GE272K            |
| 3,300          | 10%    | Y5P          | .276 .118 .197 .020         | 7.0 3.0 5.0 .5                   | GE332K            |
| 3,300          | 20%    | Y5U          | .236 .118 .197 .020         | 6.0 3.0 5.0 .5                   | GE332M            |
| 3,900          | 10%    | Y5P          | .315 .118 .197 .020         | 8.0 3.0 5.0 .5                   | GE392K            |
| 4,700          | 10%    | Y5P          | .315 .118 .197 .020         | 8.0 3.0 5.0 .5                   | GE472K            |
| 4,700          | 20%    | Y5U          | .236 .118 .197 .020         | 6.0 3.0 5.0 .5                   | GE472M            |
| 4,700          | -20+80 | Y5U          | .236 .118 .197 .020         | 6.0 3.0 5.0 .5                   | GE472Z            |
| 5,600          | 10%    | Y5P          | .354 .118 .197 .020         | 9.0 3.0 5.0 .5                   | GE562K            |
| 6,800          | 10%    | Y5P          | .374 .118 .197 .020         | 9.5 3.0 5.0 .5                   | GE682K            |
| 6,800          | 20%    | Y5U          | .276 .118 .197 .020         | 7.0 3.0 5.0 .5                   | GE682M            |
| 8,200          | 10%    | Y5P          | .394 .118 .197 .020         | 10.0 3.0 5.0 .5                  | GE822K            |

| Capacity<br>pF  | Tol    | Temp<br>Coef | Size<br>(Inches)<br>D T S d | Size<br>(Millimeters)<br>D T S d | Catalog<br>Number |
|-----------------|--------|--------------|-----------------------------|----------------------------------|-------------------|
| <b>50 WVDC</b>  |        |              |                             |                                  |                   |
| 10,000          | 10%    | Y5P          | .472 .118 .197 .020         | 12.0 3.0 5.0 .5                  | GE103K            |
| 10,000          | 20%    | Y5U          | .315 .118 .197 .020         | 8.0 3.0 5.0 .5                   | GE103M            |
| 10,000          | -20+80 | Y5V          | .236 .118 .197 .020         | 6.0 3.0 5.0 .5                   | GE103Z            |
| 22,000          | 20%    | Y5U          | .472 .118 .197 .020         | 12.0 3.0 5.0 .5                  | GE223M            |
| <b>100 WVDC</b> |        |              |                             |                                  |                   |
| 100             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH101K            |
| 120             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH121K            |
| 150             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH151K            |
| 180             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH181K            |
| 220             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH221K            |
| 270             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH271K            |
| 330             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH331K            |
| 390             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH391K            |
| 470             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH471K            |
| 560             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH561K            |
| 680             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH681K            |
| 820             | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH821K            |
| 1,000           | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH102K            |
| 1,200           | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH122K            |
| 1,500           | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH152K            |
| 1,500           | 20%    | Y5U          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH152M            |
| 1,500           | -20+80 | Y5U          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH152Z            |
| 1,800           | 10%    | Y5P          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH182K            |
| 2,200           | 10%    | Y5P          | .315 .118 .252 .025         | 8.0 3.0 6.4 .6                   | GH222K            |
| 2,200           | 20%    | Y5U          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH222M            |
| 2,200           | -20+80 | Y5U          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH222Z            |
| 2,700           | 10%    | Y5P          | .315 .118 .252 .025         | 8.0 3.0 6.4 .6                   | GH272K            |
| 3,300           | 10%    | Y5P          | .315 .118 .252 .025         | 8.0 3.0 6.4 .6                   | GH332K            |
| 3,300           | 20%    | Y5U          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH332M            |
| 3,300           | -20+80 | Y5U          | .236 .118 .252 .025         | 6.0 3.0 6.4 .6                   | GH332Z            |
| 3,900           | 10%    | Y5P          | .315 .118 .252 .025         | 8.0 3.0 6.4 .6                   | GH392K            |
| 4,700           | 10%    | Y5P          | .374 .118 .252 .025         | 9.5 3.0 6.4 .6                   | GH472K            |
| 4,700           | 20%    | Y5U          | .315 .118 .252 .025         | 8.0 3.0 6.4 .6                   | GH472M            |
| 4,700           | -20+80 | Y5U          | .315 .118 .252 .025         | 8.0 3.0 6.4 .6                   | GH472Z            |
| 5,600           | 10%    | Y5P          | .374 .118 .252 .025         | 9.5 3.0 6.4 .6                   | GH562K            |
| 6,800           | 10%    | Y5P          | .472 .118 .252 .025         | 12.0 3.0 6.4 .6                  | GH682K            |
| 6,800           | 20%    | Y5U          | .315 .118 .252 .025         | 8.0 3.0 6.4 .6                   | GH682M            |
| 6,800           | -20+80 | Y5U          | .315 .118 .252 .025         | 8.0 3.0 6.4 .6                   | GH682Z            |
| 10,000          | 10%    | Y5P          | .472 .118 .252 .025         | 12.0 3.0 6.4 .6                  | GH103K            |
| 10,000          | 20%    | Y5U          | .374 .118 .252 .025         | 9.5 3.0 6.4 .6                   | GH103M            |
| 10,000          | -20+80 | Y5U          | .374 .118 .252 .025         | 9.5 3.0 6.4 .6                   | GH103Z            |
| 22,000          | -20+80 | Y5V          | .472 .118 .252 .025         | 12.0 3.0 6.4 .6                  | GH223Z            |
| 100,000         | -20+80 | X7R          | .260 .100 .374 .025         | 6.6 2.5 9.5 .6                   | GH104ZX*          |
| 100,000         | -20+80 | X7R          | .311 .157 .374 .025         | 7.9 4.0 9.5 .6                   | GH104ZX3*         |

\* Multilayer construction and rectangular in shape.  
The diameter dimension is the largest dimension of the footprint.

► Temperature characteristics and case sizes are superior to previous parts.

Disc Ceramic Capacitors

# General Purpose Disc Ceramic Capacitors

**MALLORY**

| Capacity<br>pF | Tol    | Temp<br>Coef | Size<br>(Inches) |      |      |      | Size<br>(Millimeters) |     |     |    | Catalog<br>Number |
|----------------|--------|--------------|------------------|------|------|------|-----------------------|-----|-----|----|-------------------|
|                |        |              | D                | T    | S    | d    | D                     | T   | S   | d  |                   |
| 500 WVDC       |        |              |                  |      |      |      |                       |     |     |    |                   |
| 1              | .25pF  | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM010C            |
| 3              | .25pF  | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM030C            |
| 3.3            | .25pF  | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM3R3C            |
| 5              | .25pF  | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM050C            |
| 6              | .5pF   | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM060D            |
| 6.8            | .5pF   | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM6R8D            |
| 7              | .5pF   | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM070D            |
| 7.5            | .5pF   | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM7R5D            |
| 8              | .5pF   | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM080D            |
| 10             | .5pF   | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM100D            |
| 12             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM120K            |
| 15             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM150K            |
| 18             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM180K            |
| 20             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM200K            |
| 22             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM220K            |
| 24             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM240K            |
| 27             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM270K            |
| 33             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM330K            |
| 39             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM390K            |
| 47             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM470K            |
| 51             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM510K            |
| 56             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM560K            |
| 68             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM680K            |
| 75             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM750K            |
| 82             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM820K            |
| 91             | 10%    | SL           | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM910K            |
| 100            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM101K            |
| 120            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM121K            |
| 150            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM151K            |
| 180            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM181K            |
| 220            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM221K            |
| 270            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM271K            |
| 330            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM331K            |
| 390            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM391K            |
| 470            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM471K            |
| 560            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM561K            |
| 680            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM681K            |
| 820            | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM821K            |
| 1,000          | 10%    | Y5P          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM102K            |
| 1,000          | 20%    | Y5U          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM102M            |
| 1,000          | -20+80 | Y5U          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM102Z            |
| 1,500          | 10%    | Y5P          | .291             | .157 | .252 | .025 | 7.4                   | 4.0 | 6.4 | .6 | GM152K            |
| 1,500          | 20%    | Y5U          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM152M            |
| 1,500          | -20+80 | Y5U          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM152Z            |
| 1,800          | 10%    | Y5P          | .339             | .157 | .252 | .025 | 8.6                   | 4.0 | 6.4 | .6 | GM182K            |
| 2,200          | 10%    | Y5P          | .339             | .157 | .250 | .025 | 8.6                   | 4.0 | 6.4 | .6 | GM222K            |
| 2,200          | 20%    | Y5U          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM222M            |
| 2,200          | -20+80 | Y5U          | .236             | .157 | .252 | .025 | 6.0                   | 4.0 | 6.4 | .6 | GM222Z            |
| 2,700          | 10%    | Y5P          | .374             | .157 | .252 | .025 | 9.5                   | 4.0 | 6.4 | .6 | GM272K            |
| 3,300          | 10%    | Y5P          | .433             | .157 | .252 | .025 | 11.0                  | 4.0 | 6.4 | .6 | GM332K            |
| 3,300          | 20%    | Y5U          | .291             | .157 | .252 | .025 | 7.4                   | 4.0 | 6.4 | .6 | GM332M            |
| 3,300          | -20+80 | Y5U          | .291             | .157 | .252 | .025 | 7.4                   | 4.0 | 6.4 | .6 | GM332Z            |
| 3,900          | 10%    | Y5P          | .433             | .157 | .252 | .025 | 11.0                  | 4.0 | 6.4 | .6 | GM392K            |
| 4,700          | 10%    | Y5P          | .492             | .157 | .252 | .025 | 12.5                  | 4.0 | 6.4 | .6 | GM472K            |
| 4,700          | 20%    | Y5U          | .339             | .157 | .252 | .025 | 8.6                   | 4.0 | 6.4 | .6 | GM472M            |
| 4,700          | -20+80 | Y5U          | .339             | .157 | .252 | .025 | 8.6                   | 4.0 | 6.4 | .6 | GM472Z            |
| 5,600          | 10%    | Y5P          | .492             | .157 | .252 | .025 | 12.5                  | 4.0 | 6.4 | .6 | GM562K            |
| 6,800          | 10%    | Y5P          | .571             | .157 | .374 | .025 | 14.5                  | 4.0 | 9.5 | .6 | GM682K            |
| 6,800          | 20%    | Y5U          | .433             | .157 | .252 | .025 | 11.0                  | 4.0 | 6.4 | .6 | GM682M            |
| 6,800          | -20+80 | Y5U          | .433             | .157 | .252 | .025 | 11.0                  | 4.0 | 6.4 | .6 | GM682Z            |
| 8,200          | 10%    | Y5P          | .571             | .157 | .374 | .025 | 14.5                  | 4.0 | 9.5 | .6 | GM822K            |
| 10,000         | 10%    | Y5P          | .642             | .157 | .374 | .025 | 16.3                  | 4.0 | 9.5 | .6 | GM103K            |
| 10,000         | 20%    | Y5U          | .492             | .157 | .252 | .025 | 12.5                  | 4.0 | 6.4 | .6 | GM103M            |
| 10,000         | -20+80 | Y5U          | .492             | .157 | .252 | .025 | 12.5                  | 4.0 | 6.4 | .6 | GM103Z            |
| 22,000         | 20%    | Y5U          | .642             | .157 | .374 | .025 | 16.3                  | 4.0 | 9.5 | .6 | GM223M            |
| 22,000         | -20+80 | Y5U          | .642             | .157 | .374 | .025 | 16.3                  | 4.0 | 9.5 | .6 | GM223Z            |
| 30,000         | 20%    | X7R          | .260             | .150 | .374 | .025 | 6.6                   | 2.5 | 9.5 | .6 | GM303MX*          |
| 30,000         | 20%    | X7R          | .311             | .157 | .374 | .025 | 7.9                   | 4.0 | 9.5 | .6 | GM303MX3*         |
| 50,000         | 20%    | X7R          | .260             | .100 | .374 | .025 | 6.6                   | 2.5 | 9.5 | .6 | GM503MX*          |
| 50,000         | 20%    | X7R          | .311             | .157 | .374 | .025 | 7.9                   | 4.0 | 9.5 | .6 | GM503MX3*         |
| 100,000        | 20%    | X7R          | .260             | .100 | .374 | .025 | 6.6                   | 2.5 | 9.5 | .6 | GM104MX*          |
| 100,000        | 20%    | X7R          | .311             | .157 | .201 | .025 | 7.9                   | 4.0 | 5.1 | .6 | GM104MX2*         |

| Capacity<br>pF | Tol   | Temp<br>Coef | Size<br>(Inches) |      |      |      | Size<br>(Millimeters) |     |     |    | Catalog<br>Number |
|----------------|-------|--------------|------------------|------|------|------|-----------------------|-----|-----|----|-------------------|
|                |       |              | D                | T    | S    | d    | D                     | T   | S   | d  |                   |
| 1000 WVDC      |       |              |                  |      |      |      |                       |     |     |    |                   |
| 3.3            | .25PF | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP533             |
| 5              | .25PF | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP550             |
| 6.8            | .5PF  | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP568             |
| 8              | .5PF  | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP580             |
| 10             | .5PF  | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP410             |
| 12             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP412             |
| 15             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP415             |
| 18             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP418             |
| 20             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP420             |
| 22             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP422             |
| 27             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP427             |
| 30             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP430             |
| 33             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP433             |
| 39             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP439             |
| 47             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP447             |
| 56             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP456             |
| 68             | 10%   | SL           | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP468             |
| 91             | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP491             |
| 100            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP310             |
| 120            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP312             |
| 150            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP315             |
| 180            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP318             |
| 220            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP322             |
| 270            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP327             |
| 330            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP333             |
| 390            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP339             |
| 470            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP347             |
| 560            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP356             |
| 680            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP368             |
| 750            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP375             |
| 820            | 10%   | Y5P          | .236             | .177 | .252 | .025 | 6.0                   | 4.5 | 6.4 | .6 | GP382             |
| 1,000          | 10%   | Y5P          | .291             | .177 | .252 | .025 | 7.4                   | 4.5 | 6.4 | .6 | GP210             |
| 1,500          | 10%   | Y5P          | .339             | .177 | .252 | .025 | 8.6                   | 4.5 | 6.4 | .6 | GP215             |
| 1,800          | 10%   | Y5P          | .374             | .177 | .252 | .025 | 9.5                   | 4.5 | 6.4 | .6 | GP218             |
| 2,200          | 10%   | Y5P          | .374             | .177 | .252 | .025 | 9.5                   | 4.5 | 6.4 | .6 | GP222             |
| 2,700          | 10%   | Y5P          | .433             | .177 | .252 | .025 | 11.0                  | 4.5 | 6.4 | .6 | GP227             |
| 3,300          | 10%   | Y5P          | .433             | .177 | .252 | .025 | 11.0                  | 4.5 | 6.4 | .6 | GP233P            |
| 3,900          | 10%   | Y5P          | .492             | .177 | .252 | .025 | 12.5                  | 4.5 | 6.4 | .6 | GP239             |
| 4,700          | 20%   | Y5U          | .433             | .177 | .252 | .025 | 11.0                  | 4.5 | 6.4 | .6 | GP247             |
| 5,600          | 10%   | Y5P          | .591             | .177 | .374 | .025 | 15.0                  | 4.5 | 9.5 | .6 | GP256             |
| 6,800          | 10%   | Y5P          | .669             | .177 | .374 | .025 | 17.0                  | 4.5 | 9.5 | .6 | GP268P            |
| 10,000         | 20%   | Y5U          | .591             | .177 | .374 | .025 | 15.0                  | 4.5 | 9.5 | .6 | GP110             |
| 22,000         | 20%   | Y5U          | .748             | .177 | .374 | .025 | 19.0                  | 4.5 | 9.5 | .6 | GP122             |

\* Multilayer construction and rectangular in shape.  
The diameter dimension is the largest dimension of the footprint.

# General Purpose Disc Ceramic Capacitors

**MALLORY**

| Capacity<br>pF | Tol   | Temp<br>Coef | Size<br>(Inches) |      |      |      | Size<br>(Millimeters) |     |     |    | Catalog<br>Number |
|----------------|-------|--------------|------------------|------|------|------|-----------------------|-----|-----|----|-------------------|
|                |       |              | D                | T    | S    | d    | D                     | T   | S   | d  |                   |
| 2000 WVDC      |       |              |                  |      |      |      |                       |     |     |    |                   |
| 1              | .25pf | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR510             |
| 1.5            | .25pf | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR515             |
| 2              | .25pf | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR520             |
| 3              | .25pf | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR530             |
| 4              | .25pf | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR540             |
| 5              | .25pf | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR550             |
| 6              | .5pf  | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR560             |
| 7              | .5pf  | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR570             |
| 8              | .5pf  | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR580             |
| 9              | .5pf  | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR590             |
| 10             | .5pf  | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR410             |
| 11             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR411             |
| 12             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR412             |
| 13             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR413             |
| 15             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR415             |
| 16             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR416             |
| 18             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR418             |
| 20             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR420             |
| 22             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR422             |
| 24             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR424             |
| 27             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR427             |
| 30             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR430             |
| 33             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR433             |
| 36             | 5%    | SL           | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GR436             |
| 39             | 5%    | SL           | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GR439             |
| 43             | 5%    | SL           | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GR443             |
| 47             | 5%    | SL           | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GR470             |
| 51             | 5%    | SL           | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GR451             |
| 56             | 5%    | SL           | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GR456             |
| 62             | 5%    | SL           | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GR462             |
| 68             | 5%    | SL           | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GR468             |
| 75             | 5%    | SL           | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GR475             |
| 82             | 5%    | SL           | .472             | .197 | .252 | .032 | 12.0                  | 5.0 | 6.4 | .8 | GR482             |
| 91             | 5%    | SL           | .472             | .197 | .252 | .032 | 12.0                  | 5.0 | 6.4 | .8 | GR491             |
| 100            | 5%    | SL           | .472             | .197 | .252 | .032 | 12.0                  | 5.0 | 6.4 | .8 | GR310             |
| 100            | 10%   | Y5P          | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GS310             |
| 110            | 5%    | SL           | .472             | .197 | .252 | .032 | 12.0                  | 5.0 | 6.4 | .8 | GR311             |
| 120            | 5%    | SL           | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GR312             |
| 120            | 10%   | Y5P          | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GS312             |
| 130            | 5%    | SL           | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GR313             |
| 150            | 5%    | SL           | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GR315             |
| 150            | 10%   | Y5P          | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GS315             |
| 160            | 5%    | SL           | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GR316             |
| 180            | 5%    | SL           | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GR318             |
| 180            | 10%   | Y5P          | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GS318             |
| 200            | 5%    | SL           | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GR320             |
| 220            | 5%    | SL           | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GR322             |
| 220            | 10%   | Y5P          | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GS322             |
| 240            | 5%    | SL           | .787             | .197 | .374 | .032 | 20.0                  | 5.0 | 9.5 | .8 | GR324             |
| 270            | 5%    | SL           | .787             | .197 | .374 | .032 | 20.0                  | 5.0 | 9.5 | .8 | GR327             |
| 270            | 10%   | Y5P          | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GS327             |
| 300            | 5%    | SL           | .787             | .197 | .374 | .032 | 20.0                  | 5.0 | 9.5 | .8 | GR330             |
| 330            | 5%    | SL           | .787             | .197 | .374 | .032 | 20.0                  | 5.0 | 9.5 | .8 | GR333             |
| 330            | 10%   | Y5P          | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GS333             |
| 360            | 5%    | SL           | .787             | .197 | .374 | .032 | 20.0                  | 5.0 | 9.5 | .8 | GR336             |
| 390            | 5%    | SL           | .787             | .197 | .374 | .032 | 20.0                  | 5.0 | 9.5 | .8 | GR339             |
| 390            | 10%   | Y5P          | .315             | .197 | .252 | .032 | 8.0                   | 5.0 | 6.4 | .8 | GS339             |
| 430            | 5%    | SL           | .787             | .197 | .374 | .032 | 20.0                  | 5.0 | 9.5 | .8 | GR343             |
| 470            | 10%   | Y5P          | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GS347             |
| 560            | 10%   | Y5P          | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GS356             |
| 680            | 10%   | Y5P          | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GS368             |
| 820            | 10%   | Y5P          | .394             | .197 | .252 | .032 | 10.0                  | 5.0 | 6.4 | .8 | GS382             |
| 1,000          | 10%   | Y5P          | .472             | .197 | .252 | .032 | 12.0                  | 5.0 | 6.4 | .8 | GS210             |
| 1,200          | 10%   | Y5P          | .472             | .197 | .252 | .032 | 12.0                  | 5.0 | 6.4 | .8 | GS212             |
| 1,500          | 10%   | Y5P          | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GS215             |
| 1,800          | 10%   | Y5P          | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GS218             |
| 2,200          | 10%   | Y5P          | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GS222             |
| 2,700          | 10%   | Y5P          | .591             | .197 | .374 | .032 | 15.0                  | 5.0 | 9.5 | .8 | GS272             |
| 3,300          | 10%   | Y5P          | .787             | .197 | .374 | .032 | 20.0                  | 5.0 | 9.5 | .8 | GS233             |
| 3,900          | 10%   | Y5P          | .787             | .197 | .374 | .032 | 20.0                  | 5.0 | 9.5 | .8 | GS239             |
| 4,700          | 10%   | Y5P          | .787             | .197 | .374 | .032 | 20.0                  | 5.0 | 9.5 | .8 | GS247             |

| Capacity<br>pF | Tol   | Temp<br>Coef | Size<br>(Inches) |      |      |      | Size<br>(Millimeters) |     |     |    | Catalog<br>Number |
|----------------|-------|--------------|------------------|------|------|------|-----------------------|-----|-----|----|-------------------|
|                |       |              | D                | T    | S    | d    | D                     | T   | S   | d  |                   |
| 3000 WVDC      |       |              |                  |      |      |      |                       |     |     |    |                   |
| 1              | .25pF | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT510             |
| 1.5            | .25pF | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT515             |
| 2              | .25pF | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT520             |
| 3              | .25pF | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT530             |
| 4              | .25pF | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT540             |
| 5              | .25pF | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT550             |
| 6              | .5pF  | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT560             |
| 7              | .5pF  | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT570             |
| 8              | .5pF  | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT580             |
| 9              | .5pF  | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT590             |
| 10             | .5pF  | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT410             |
| 11             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT411             |
| 12             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT412             |
| 13             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT413             |
| 14             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT415             |
| 16             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT416             |
| 18             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT418             |
| 20             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT420             |
| 22             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT422             |
| 24             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT424             |
| 27             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT427             |
| 30             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT430             |
| 36             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT436             |
| 39             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT439             |
| 44             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT443             |
| 47             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT447             |
| 51             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT451             |
| 56             | 5%    | SL           | .394             | .236 | .374 | .032 | 10.0                  | 6.0 | 9.5 | .8 | GT456             |
| 62             | 5%    | SL           | .472             | .236 | .374 | .032 | 12.0                  | 6.0 | 9.5 | .8 | GT462             |
| 68             | 5%    | SL           | .472             | .236 | .374 | .032 | 12.0                  | 6.0 | 9.5 | .8 | GT468             |
| 75             | 5%    | SL           | .472             | .236 | .374 | .032 | 12.0                  | 6.0 | 9.5 | .8 | GT475             |
| 82             | 5%    | SL           | .472             | .236 | .374 | .032 | 12.0                  | 6.0 | 9.5 | .8 | GT482             |
| 91             | 5%    | SL           | .591             | .236 | .374 | .032 | 15.0                  | 6.0 | 9.5 | .8 | GT491             |
| 100            | 5%    | SL           | .591             | .236 | .374 | .032 | 15.0                  | 6.0 | 9.5 | .8 | GT310             |
| 110            | 5%    | SL           | .591             | .236 | .374 | .032 | 15.0                  | 6.0 | 9.5 | .8 | GT311             |
| 160            | 5%    | SL           | .591             | .236 | .374 | .032 | 15.0                  | 6.0 | 9.5 | .8 | GT316             |
| 180            | 5%    | SL           | .787             | .236 | .374 | .032 | 20.0                  | 6.0 | 9.5 | .8 | GT318             |
| 200            | 5%    | SL           | .787             | .236 | .374 | .032 | 20.0                  | 6.0 | 9.5 | .8 | GT320             |
| 220            | 5%    | SL           | .787             | .236 | .374 | .032 | 20.0                  | 6.0 | 9.5 | .8 | GT321             |
| 240            | 5%    | SL           | .787             | .236 | .374 | .032 | 20.0                  | 6.0 | 9.5 | .8 | GT324             |
| 270            | 5%    | SL           | .787             | .236 | .374 | .032 | 20.0                  | 6.0 | 9.5 | .8 | GT327             |
| 300            | 5%    | SL           | .787             | .236 | .374 | .032 | 20.0                  | 6.0 | 9.5 | .8 | GT330             |

Disc Ceramic Capacitors