

## GENERAL INFORMATION

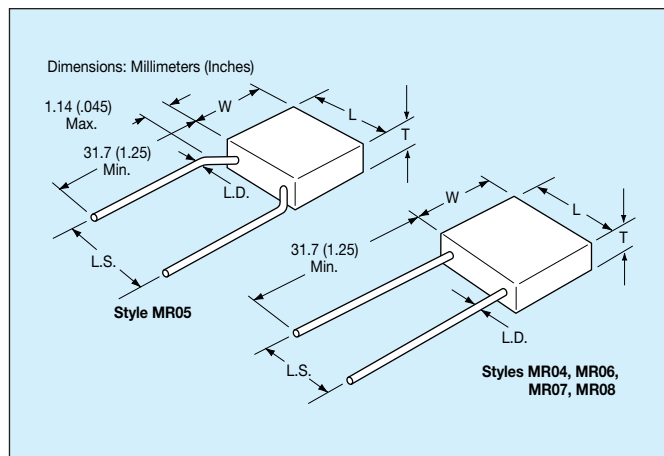
### AVX MR Series

#### Molded Radial Ledged MLC

**Temperature Coefficients:** C0G (NP0), X7R, Z5U  
50, 100, 200 Volts

**Case Material:** Molded Epoxy

**Lead Material:** Solderable



## HOW TO ORDER

| MR05                                                     | 1                                                 | A                                                        | 561                                                                                                                                                                                                                                                         | J                                                                                                                                                                                                                                                                                                                                   | A                                                     | A                                                                                         |
|----------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------|
| <b>AVX Style</b><br>MR04<br>MR05<br>MR06<br>MR07<br>MR08 | <b>Voltage</b><br>5 = 50V<br>1 = 100V<br>2 = 200V | <b>Dielectric</b><br>A = C0G (NP0)<br>C = X7R<br>E = Z5U | <b>Capacitance</b><br>First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104. (For values below 10pF use "R" in place of decimal point, e.g., 1R4 = 1.4pF) | <b>Capacitance Tolerance</b><br>C0G (NP0):<br>D = $\pm 5\text{pF}$<br>( $>10\text{pF}$ only)<br>F = $\pm 1\%$<br>( $>50\text{pF}$ only)<br>G = $\pm 2\%$<br>( $>25\text{pF}$ only)<br>J = $\pm 5\%$<br>K = $\pm 10\%$<br>X7R:<br>J = $\pm 5\%$<br>K = $\pm 10\%$<br>M = $\pm 20\%$<br>Z5U:<br>M = $\pm 20\%$<br>Z = $+80\%$<br>-20% | <b>Failure Rate</b><br>A = Not Applicable<br>T = CECC | <b>Leads</b><br>A = Standard Solderable (SnPb)<br>T' = Trimmed Leads<br>.230" $\pm$ .030" |

**Not RoHS Compliant**

<sup>1</sup> Trimmed lead length for the MR05 style will be measured from the bend in the lead (seating plane).

## MARKING

Marking is as size permits.  
(For code identification, see HOW TO ORDER section.)

- AVX
- Capacitance Tolerance
- Voltage Rating
- Temperature Coefficient
- Date Code
- Lot Code

## PACKAGING REQUIREMENTS

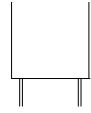
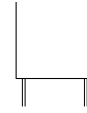
**Bulk Packaging:** 1000 pcs. per sealed package except MR07/MR08 (300 pcs.).

**Tape and Reel:** Available on MR04, MR05, and MR06 only (2500 pcs./reel).

**Ammo Packaging:** Available on special request.

### SIZE AND CAPACITANCE SPECIFICATIONS

Dimensions: Millimeters (Inches)



| AVX Style          |                                                       | MR04         |     |    | MR05         |     |    | MR06         |     |    | MR07          |     |    | MR08          |     |    |
|--------------------|-------------------------------------------------------|--------------|-----|----|--------------|-----|----|--------------|-----|----|---------------|-----|----|---------------|-----|----|
| Length*            |                                                       | 4.83 (.190") |     |    | 4.83 (.190") |     |    | 7.36 (.290") |     |    | 12.44 (.490") |     |    | 12.44 (.490") |     |    |
| Width*             |                                                       | 4.83 (.190") |     |    | 4.83 (.190") |     |    | 7.36 (.290") |     |    | 12.44 (.490") |     |    | 12.44 (.490") |     |    |
| Thickness*         |                                                       | 2.28 (.090") |     |    | 2.28 (.090") |     |    | 2.28 (.090") |     |    | 3.55 (.140")  |     |    | 6.09 (.240")  |     |    |
| Lead Spacing*      |                                                       | 2.54 (.100") |     |    | 5.08 (.200") |     |    | 5.08 (.200") |     |    | 10.16 (.400") |     |    | 10.16 (.400") |     |    |
| Lead Diameter*     |                                                       | .635 (.025") |     |    | .635 (.025") |     |    | .635 (.025") |     |    | .635 (.025")  |     |    | .635 (.025")  |     |    |
| Cap. in pF         | Typical AVX Part Nos.                                 | WVDC         |     |    | WVDC         |     |    | WVDC         |     |    | WVDC          |     |    | WVDC          |     |    |
|                    |                                                       | 200          | 100 | 50 | 200          | 100 | 50 | 200          | 100 | 50 | 200           | 100 | 50 | 200           | 100 | 50 |
| 1.0 to 9.1         | MR-----5A1R0DAA<br>MR-----5A9R1DAA                    |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 10 to 15           | MR-----5A100KAA<br>MR-----5A120KAA<br>MR-----5A150KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 18 to 27           | MR-----5A180KAA<br>MR-----5A220KAA<br>MR-----5A270KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 33 to 47           | MR-----5A330KAA<br>MR-----5A390KAA<br>MR-----5A470KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 56 to 82           | MR-----5A560KAA<br>MR-----5A680KAA<br>MR-----5A820KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 100 to 150         | MR-----5A101KAA<br>MR-----5A121KAA<br>MR-----5A151KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 180 to 270         | MR-----5A181KAA<br>MR-----5A221KAA<br>MR-----5A271KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 330 to 470         | MR-----5A331KAA<br>MR-----5A391KAA<br>MR-----5A471KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 560 to 820         | MR-----5A561KAA<br>MR-----5A681KAA<br>MR-----5A821KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 1000 to 1500       | MR-----5A102KAA<br>MR-----5A122KAA<br>MR-----5A152KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 1800 to 2700       | MR-----5A182KAA<br>MR-----5A222KAA<br>MR-----5A272KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 3300 to 4700       | MR-----5A332KAA<br>MR-----5A392KAA<br>MR-----5A472KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 5600 to 8200       | MR-----5A562KAA<br>MR-----5A682KAA<br>MR-----5A822KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 10,000 to 15,000   | MR-----5A103KAA<br>MR-----5A123KAA<br>MR-----5A153KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 18,000 to 27,000   | MR-----5A183KAA<br>MR-----5A223KAA<br>MR-----5A273KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 33,000 to 47,000   | MR-----5A333KAA<br>MR-----5A393KAA<br>MR-----5A473KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 56,000 to 82,000   | MR-----5A563KAA<br>MR-----5A683KAA<br>MR-----5A823KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 100,000 to 150,000 | MR-----5A104KAA<br>MR-----5A124KAA<br>MR-----5A154KAA |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |

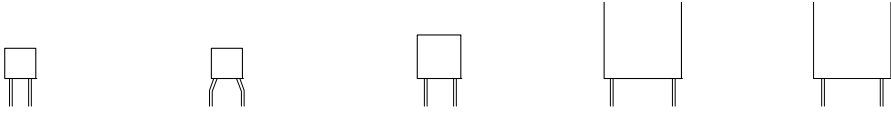
For trimmed leads see "How To Order".  
For other tolerances see "How To Order".  
For other voltages see "How To Order".

 = Industry preferred values

\*Length, width and thickness dimensions are  $\pm 0.254$  mm ( $\pm 0.010$ "). Lead diameter is  $\pm 0.05$  mm ( $\pm 0.002$ "). Lead spacing is  $\pm 0.381$  mm ( $\pm 0.015$ ").

## X7R

### SIZE AND CAPACITANCE SPECIFICATIONS



Dimensions: Millimeters (Inches)

| AVX Style             |                       | MR04         |     |    | MR05         |     |    | MR06         |     |    | MR07          |     |    | MR08          |     |    |
|-----------------------|-----------------------|--------------|-----|----|--------------|-----|----|--------------|-----|----|---------------|-----|----|---------------|-----|----|
| <b>Length*</b>        |                       | 4.83 (.190") |     |    | 4.83 (.190") |     |    | 7.36 (.290") |     |    | 12.44 (.490") |     |    | 12.44 (.490") |     |    |
| <b>Width*</b>         |                       | 4.83 (.190") |     |    | 4.83 (.190") |     |    | 7.36 (.290") |     |    | 12.44 (.490") |     |    | 12.44 (.490") |     |    |
| <b>Thickness*</b>     |                       | 2.28 (.090") |     |    | 2.28 (.090") |     |    | 2.28 (.090") |     |    | 3.55 (.140")  |     |    | 6.09 (.240")  |     |    |
| <b>Lead Spacing*</b>  |                       | 2.54 (.100") |     |    | 5.08 (.200") |     |    | 5.08 (.200") |     |    | 10.16 (.400") |     |    | 10.16 (.400") |     |    |
| <b>Lead Diameter*</b> |                       | .635 (.025") |     |    | .635 (.025") |     |    | .635 (.025") |     |    | .635 (.025")  |     |    | .635 (.025")  |     |    |
| Cap. in pF            | Typical AVX Part Nos. | WVDC         |     |    | WVDC         |     |    | WVDC         |     |    | WVDC          |     |    | WVDC          |     |    |
|                       |                       | 200          | 100 | 50 | 200          | 100 | 50 | 200          | 100 | 50 | 200           | 100 | 50 | 200           | 100 | 50 |
| 100                   | MR.....5C101KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 120                   | MR.....5C121KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 150                   | MR.....5C151KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 180                   | MR.....5C181KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 220                   | MR.....5C221KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 270                   | MR.....5C271KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 330                   | MR.....5C331KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 390                   | MR.....5C391KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 470                   | MR.....5C471KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 560                   | MR.....5C561KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 680                   | MR.....5C681KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 820                   | MR.....5C821KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 1000                  | MR.....5C102KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 1200                  | MR.....5C122KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 1500                  | MR.....5C152KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 1800                  | MR.....5C182KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 2200                  | MR.....5C222KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 2700                  | MR.....5C272KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 3300                  | MR.....5C332KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 3900                  | MR.....5C392KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 4700                  | MR.....5C472KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 5600                  | MR.....5C562KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 6800                  | MR.....5C682KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 8200                  | MR.....5C822KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 10,000                | MR.....5C103KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 12,000                | MR.....5C123KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 15,000                | MR.....5C153KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 18,000                | MR.....5C183KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 22,000                | MR.....5C223KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 27,000                | MR.....5C273KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 33,000                | MR.....5C333KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 39,000                | MR.....5C393KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 47,000                | MR.....5C473KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 56,000                | MR.....5C563KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 68,000                | MR.....5C683KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 82,000                | MR.....5C823KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 100,000               | MR.....5C104KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 120,000               | MR.....5C124KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 150,000               | MR.....5C154KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 180,000               | MR.....5C184KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 220,000               | MR.....5C224KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 270,000               | MR.....5C274KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 330,000               | MR.....5C334KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 390,000               | MR.....5C394KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 470,000               | MR.....5C474KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 560,000               | MR.....5C564KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 680,000               | MR.....5C684KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 820,000               | MR.....5C824KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 1.0 µF                | MR.....5C105KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 1.2 µF                | MR.....5C125KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 1.5 µF                | MR.....5C155KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 1.8 µF                | MR.....5C185KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 2.0 µF                | MR.....5C205KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 2.2 µF                | MR.....5C225KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 2.7 µF                | MR.....5C275KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 3.3 µF                | MR.....5C335KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 3.9 µF                | MR.....5C395KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |
| 4.7 µF                | MR.....5C475KAA       |              |     |    |              |     |    |              |     |    |               |     |    |               |     |    |

For trimmed leads see "How To Order".  
For other tolerances see "How To Order".  
For other voltages see "How To Order".

 = Industry preferred values

\*Length, width and thickness dimensions are ±.254 mm (±.010"). Lead diameter is ±.05 mm (±.002"). Lead spacing is ±.381 mm (±.015").

### SIZE AND CAPACITANCE SPECIFICATIONS

Dimensions: Millimeters (Inches)

| AVX Style      | MR04                  | MR05            | MR06            | MR07             | MR08             |      |    |      |    |
|----------------|-----------------------|-----------------|-----------------|------------------|------------------|------|----|------|----|
| Length*        | 4.83<br>(.190")       | 4.83<br>(.190") | 7.36<br>(.290") | 12.44<br>(.490") | 12.44<br>(.490") |      |    |      |    |
| Width*         | 4.83<br>(.190")       | 4.83<br>(.190") | 7.36<br>(.290") | 12.44<br>(.490") | 12.44<br>(.490") |      |    |      |    |
| Thickness*     | 2.28<br>(.090")       | 2.28<br>(.090") | 2.28<br>(.090") | 3.55<br>(.140")  | 6.09<br>(.240")  |      |    |      |    |
| Lead* Spacing  | 2.54<br>(.100")       | 5.08<br>(.200") | 5.08<br>(.200") | 10.16<br>(.400") | 10.16<br>(.400") |      |    |      |    |
| Lead* Diameter | .635<br>(.025")       | .635<br>(.025") | .635<br>(.025") | .635<br>(.025")  | .635<br>(.025")  |      |    |      |    |
| Cap. in pF     | Typical AVX Part Nos. | WVDC            |                 | WVDC             |                  | WVDC |    | WVDC |    |
|                |                       | 100             | 50              | 100              | 50               | 100  | 50 | 100  | 50 |
| 10,000         | MR.....5E103ZAA       |                 |                 |                  |                  |      |    |      |    |
| 12,000         | MR.....5E123ZAA       |                 |                 |                  |                  |      |    |      |    |
| 15,000         | MR.....5E153ZAA       |                 |                 |                  |                  |      |    |      |    |
| 18,000         | MR.....5E183ZAA       |                 |                 |                  |                  |      |    |      |    |
| 22,000         | MR.....5E223ZAA       |                 |                 |                  |                  |      |    |      |    |
| 27,000         | MR.....5E273ZAA       |                 |                 |                  |                  |      |    |      |    |
| 33,000         | MR.....5E333ZAA       |                 |                 |                  |                  |      |    |      |    |
| 39,000         | MR.....5E393ZAA       |                 |                 |                  |                  |      |    |      |    |
| 47,000         | MR.....5E473ZAA       |                 |                 |                  |                  |      |    |      |    |
| 56,000         | MR.....5E563ZAA       |                 |                 |                  |                  |      |    |      |    |
| 68,000         | MR.....5E683ZAA       |                 |                 |                  |                  |      |    |      |    |
| 82,000         | MR.....5E823ZAA       |                 |                 |                  |                  |      |    |      |    |
| 100,000        | MR.....5E104ZAA       |                 |                 |                  |                  |      |    |      |    |
| 120,000        | MR.....5E124ZAA       |                 |                 |                  |                  |      |    |      |    |
| 150,000        | MR.....5E154ZAA       |                 |                 |                  |                  |      |    |      |    |
| 180,000        | MR.....5E184ZAA       |                 |                 |                  |                  |      |    |      |    |
| 220,000        | MR.....5E224ZAA       |                 |                 |                  |                  |      |    |      |    |
| 270,000        | MR.....5E274ZAA       |                 |                 |                  |                  |      |    |      |    |
| 330,000        | MR.....5E334ZAA       |                 |                 |                  |                  |      |    |      |    |
| 390,000        | MR.....5E394ZAA       |                 |                 |                  |                  |      |    |      |    |
| 470,000        | MR.....5E474ZAA       |                 |                 |                  |                  |      |    |      |    |
| 560,000        | MR.....5E564ZAA       |                 |                 |                  |                  |      |    |      |    |
| 680,000        | MR.....5E684ZAA       |                 |                 |                  |                  |      |    |      |    |
| 820,000        | MR.....5E824ZAA       |                 |                 |                  |                  |      |    |      |    |
| 1.0 µF         | MR.....5E105ZAA       |                 |                 |                  |                  |      |    |      |    |
| 1.2 µF         | MR.....5E125ZAA       |                 |                 |                  |                  |      |    |      |    |
| 1.5 µF         | MR.....5E155ZAA       |                 |                 |                  |                  |      |    |      |    |
| 1.8 µF         | MR.....5E185ZAA       |                 |                 |                  |                  |      |    |      |    |
| 2.2 µF         | MR.....5E225ZAA       |                 |                 |                  |                  |      |    |      |    |
| 2.7 µF         | MR.....5E275ZAA       |                 |                 |                  |                  |      |    |      |    |
| 3.3 µF         | MR.....5E335ZAA       |                 |                 |                  |                  |      |    |      |    |
| 3.9 µF         | MR.....5E395ZAA       |                 |                 |                  |                  |      |    |      |    |
| 4.7 µF         | MR.....5E475ZAA       |                 |                 |                  |                  |      |    |      |    |
| 5.6 µF         | MR.....5E565ZAA       |                 |                 |                  |                  |      |    |      |    |
| 6.8 µF         | MR.....5E685ZAA       |                 |                 |                  |                  |      |    |      |    |
| 8.2 µF         | MR.....5E825ZAA       |                 |                 |                  |                  |      |    |      |    |
| 10.0 µF        | MR.....5E106ZAA       |                 |                 |                  |                  |      |    |      |    |

For trimmed leads see "How To Order".  
 For other tolerances see "How To Order".  
 For other voltages see "How To Order".

  = Industry preferred values

\*Length, width and thickness dimensions are ±.254 mm (±.010"). Lead diameter is ±.05 mm (±.002"). Lead spacing is ±.381 mm (±.015).

# Radial Leads/Packaging

## Tape and Reel



### GENERAL INFORMATION

1. Standard reel diameter is 355 millimeters (14 inches) maximum.
2. Reeling standard (#1 or #2) should be specified when ordering.

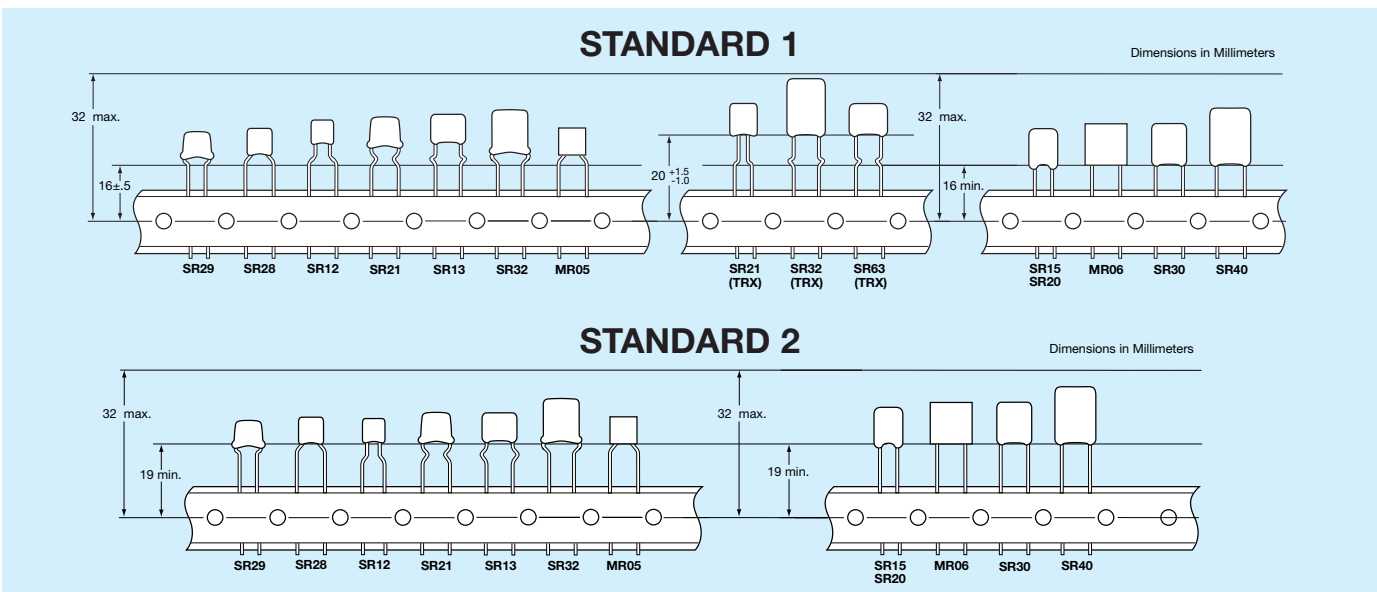
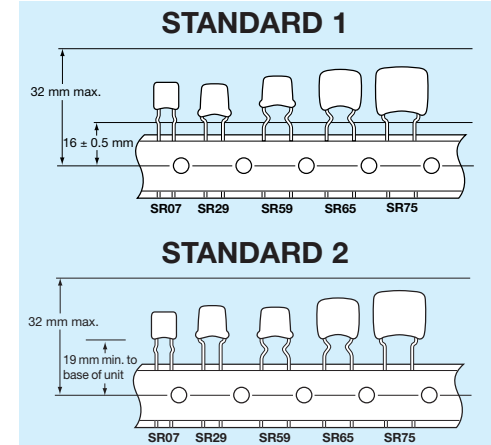
### HOW TO ORDER

To specify tape and reel packaging, add TR1, TR2 or TRX to the end of the AVX 12 digit part number.

Examples:

SR215C104KARTR1  
SR305E105MARTR2  
SR215C103JARTRX

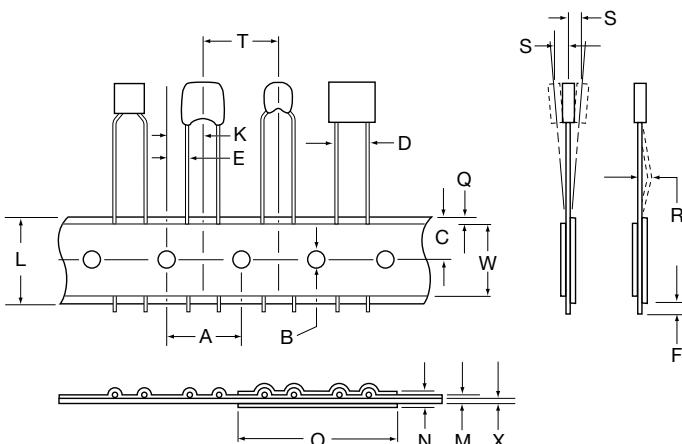
### THE INSERTABLES



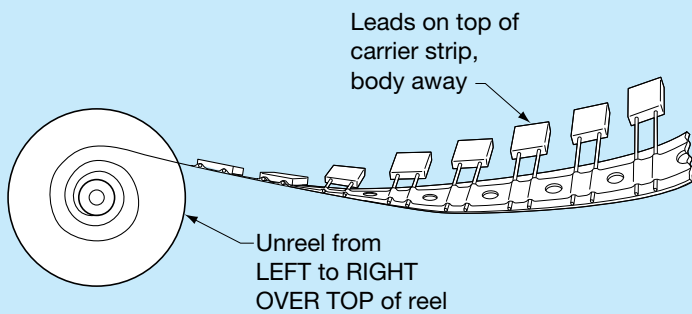
### DESCRIPTION

### DIMENSIONS (MM)

|                                                                      |                                                                                |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------|
| A. Feed Hole Pitch                                                   | 12.70 ± .20                                                                    |
| B. Feed Hole Diameter                                                | 3.99 ± .20                                                                     |
| C. Feed Hole Location                                                | 9.02 ± .51                                                                     |
| D. Component Lead Spacing                                            | 5.00 <sup>+0.79</sup> <sub>-.20</sub> or 2.54 <sup>+0.79</sup> <sub>-.20</sub> |
| E. Component Lead Location                                           | 3.81 ± .51 or 5.00 ± .51<br>for 2.54 lead spacing                              |
| F. Component Lead Protrusion<br>(edge of carrier to cut end of lead) | 2.00 maximum                                                                   |
| K. Component Body Location                                           | 6.35 ± .41                                                                     |
| L. Carrier Tape Width                                                | 18.01 <sup>+1.02</sup> <sub>-.51</sub>                                         |
| M. Carrier Tape Assembly Thickness                                   | .71 ± .20                                                                      |
| N. Carrier Tape Spliced Thickness                                    | 1.42 maximum                                                                   |
| O. Carrier Tape Spliced Length                                       | 50.80 - 88.90                                                                  |
| Q. Adhesive Tape Border                                              | 3.00 maximum                                                                   |
| R. Component Bent Leads (either direction)                           | .79 maximum                                                                    |
| S. Component Misalignment                                            | .99 maximum                                                                    |
| T. Component Pitch                                                   | 12.70 ± .99                                                                    |
| W. Adhesive Tape Width                                               | 5.00 minimum                                                                   |
| X. Carrier Tape Thickness                                            | .51 ± .10                                                                      |
| Y. Cumulative Pitch over 20 Pitches                                  | 254 ± 2.00                                                                     |



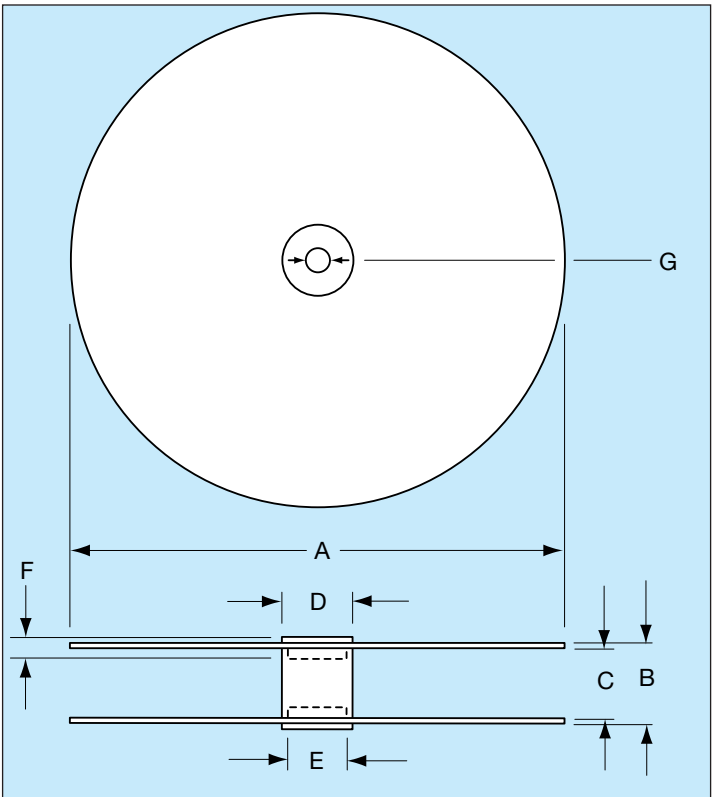
## REEL DIRECTION



## QUANTITY PER REEL SR/AR

| PART                                   | PCS  |
|----------------------------------------|------|
| SR15, 07, 12                           | 3500 |
| SR20, 21, 23, 28<br>13, 29, 59, 62, 89 | 3000 |
| SR30, 32, 40, 63, 64<br>65, 75         | 2000 |
| MR05, 06                               | 2500 |

\*SL style available in all SR configurations.



| DESCRIPTION              | DIMENSIONS (MM) |
|--------------------------|-----------------|
| A – Reel Diameter        | 304.80 - 355    |
| B – Reel Outside Width   | 50.80 maximum   |
| C – Reel Inside Width    | 38.10 - 46.02   |
| D – Core Diameter (O.D.) | 102.01 maximum  |
| E – Hub Recess Diameter  | 86.36 maximum   |
| F – Hub Recess Depth     | 9.50 minimum    |
| G – Arbor Hole Diameter  | 25.40 - 30.48   |

## CONVERSION TABLE

| MM   | IN   | MM   | IN   | MM   | IN   | MM    | IN    | MM     | IN     |
|------|------|------|------|------|------|-------|-------|--------|--------|
| .10  | .004 | 1.52 | .060 | 5.00 | .197 | 9.91  | .390  | 32.00  | 1.260  |
| .20  | .007 | 2.00 | .079 | 5.08 | .200 | 10.03 | .395  | 38.10  | 1.500  |
| .38  | .015 | 2.54 | .100 | 6.22 | .245 | 10.16 | .400  | 46.02  | 1.812  |
| .41  | .016 | 3.00 | .118 | 6.35 | .250 | 11.68 | .460  | 50.80  | 2.000  |
| .51  | .020 | 3.18 | .125 | 6.60 | .260 | 12.50 | .492  | 86.36  | 3.400  |
| .71  | .028 | 3.48 | .137 | 6.99 | .275 | 12.70 | .500  | 88.90  | 3.500  |
| .79  | .031 | 3.81 | .150 | 7.62 | .300 | 16.00 | .630  | 102.01 | 4.016  |
| .99  | .039 | 3.99 | .157 | 8.89 | .350 | 18.01 | .709  | 254.00 | 10.000 |
| 1.02 | .040 | 4.45 | .175 | 9.02 | .355 | 25.40 | 1.000 | 304.80 | 12.000 |
| 1.42 | .056 | 4.98 | .196 | 9.50 | .374 | 30.48 | 1.200 | 355.00 | 14.000 |



**Стандарт  
Электрон  
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

**Адрес:** 198099, Санкт-Петербург,  
Промышленная ул, дом № 19, литера Н,  
помещение 100-Н Офис 331