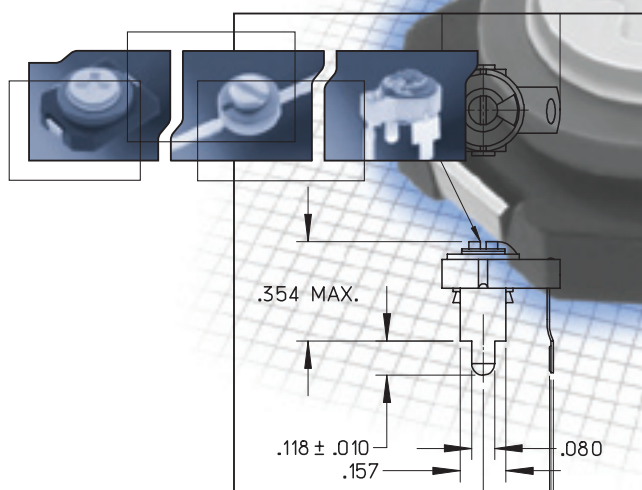


VALUE PRICED

# CERAMIC TRIMMERS

In addition to Johanson's high performance line of low profile trimmers, Johanson Manufacturing offers a full range of surface mount capacitors that are designed and priced for high volume commercial applications.

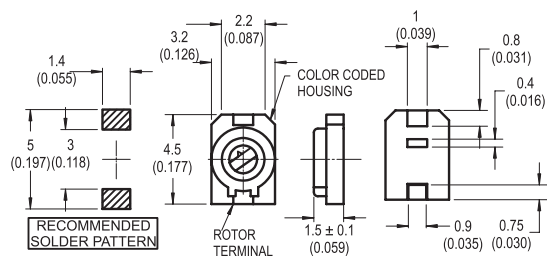
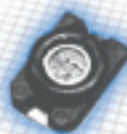


## 9350 SERIES

The 9350 Series trimmers are single turn, ceramic dielectric capacitors designed for high volume commercial applications.

## CHARACTERISTICS

- Working Voltage: See Table
- Insulation Resistance:  $> 10^4 M\Omega$
- Temperature Range:  $-25^{\circ}C$  to  $+85^{\circ}C$
- Tuning Tool: 2194
- Packaging: 1000 Pieces in a 7" Reel
- RoHS Compliant



mm (inches)

| JMC P/N  | RANGE PF    | MIN Q @ 1 MHz | WORKING VOLTAGE | COLOR CODE |
|----------|-------------|---------------|-----------------|------------|
| 9350-1R1 | 1.5 to 3.0  | >500          | 100 VDC         | BLACK      |
| 9350-2R1 | 2.0 to 6.0  | >500          | 100 VDC         | BLUE       |
| 9350-3R1 | 3.0 to 10.0 | >500          | 50 VDC          | IVORY      |
| 9350-4R1 | 5.0 to 20.0 | >500          | 50 VDC          | PINK       |
| 9350-5R1 | 8.0 to 30.0 | >500          | 50 VDC          | GREEN      |

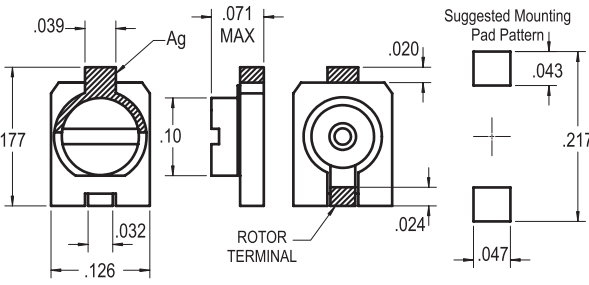
## 9344 SERIES

The 9344 Series trimmers are single turn, ceramic dielectric capacitors designed for high volume commercial applications.

### CHARACTERISTICS

- Working Voltage: 100 VDC (220 VDC Test)
- Insulation Resistance:  $> 10^4 M\Omega$
- Temperature Range:  $-25^\circ C$  to  $+85^\circ C$
- Tuning Tool: 8764
- Packaging: 1000 Pieces in a 7" Reel
- RoHS Compliant



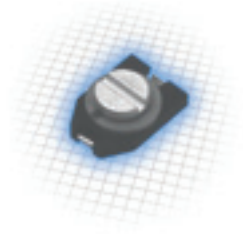
|  |  | JMC<br>P/N | RANGE<br>PF | MIN Q<br>@ 1 MHz | COLOR<br>CODE |
|-----------------------------------------------------------------------------------|--|------------|-------------|------------------|---------------|
|                                                                                   |  | 9344-1R1   | 1.4 to 3.0  | >500             | BLACK         |
|                                                                                   |  | 9344-2R1   | 2.0 to 6.0  | >500             | BLUE          |
|                                                                                   |  | 9344-3R1   | 3.0 to 10.0 | >500             | NONE          |
|                                                                                   |  | 9344-4R1   | 4.5 to 20.0 | >300             | RED           |
|                                                                                   |  | 9344-5R1   | 6.0 to 30.0 | >300             | GREEN         |

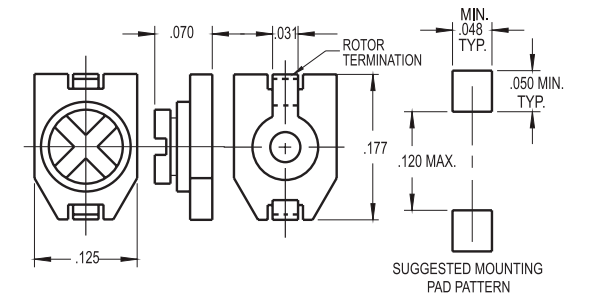
## 9343 SERIES

These trimmer capacitors are single turn, ceramic dielectric and ideal for high volume commercial applications. These capacitors are sealed and suitable for reflow soldering.

### CHARACTERISTICS

- Working Voltage: 50 VDC (110 VDC Test)
- Insulation Resistance:  $> 10^4 M\Omega$
- Temperature Range:  $-25^\circ C$  to  $+85^\circ C$
- Tuning Tool: 2191
- Packaging: 1000 Pieces in a 7" Reel
- RoHS Compliant



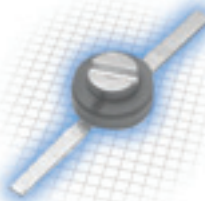
|  |  | JMC<br>P/N | RANGE<br>PF | MIN Q<br>@ 1 MHz |
|-------------------------------------------------------------------------------------|--|------------|-------------|------------------|
|                                                                                     |  | 9343-11R1  | 1.0 to 3.0  | >300             |
|                                                                                     |  | 9343-12R1  | 1.5 to 5.0  | >300             |
|                                                                                     |  | 9343-13R1  | 2.0 to 5.0  | >300             |
|                                                                                     |  | 9343-14R1  | 1.5 to 10.0 | >300             |
|                                                                                     |  | 9343-15R1  | 2.5 to 10.0 | >300             |
|                                                                                     |  | 9343-16R1  | 3.0 to 10.0 | >300             |
|                                                                                     |  | 9343-17R1  | 5.0 to 20.0 | >300             |
|                                                                                     |  | 9343-18R1  | 5.0 to 30.0 | >300             |
|                                                                                     |  | 9343-19R1  | 5.0 to 40.0 | >300             |

## 9341 SERIES

The 9341 Series offers a wide range of capacitance, ideal for applications where small size is a design criterion.

### CHARACTERISTICS

- Working Voltage: 50 VDC (110 VDC Test)
- Insulation Resistance:  $> 10^4 M\Omega$
- Temperature Range:  $-25^{\circ}C$  to  $+85^{\circ}C$
- Tuning Tool: 8766
- RoHS Compliant



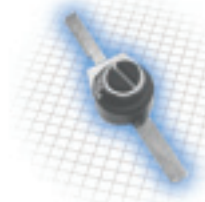
|  | JMC<br>P/N | RANGE<br>PF | MIN Q<br>@ 1 MHz |
|--|------------|-------------|------------------|
|  | 9341-15L   | 1.0 to 3.0  | >200             |
|  | 9341-25L   | 1.5 to 5.0  | >200             |
|  | 9341-35L   | 1.5 to 10.0 | >200             |
|  | 9341-45L   | 2.5 to 10.0 | >200             |
|  | 9341-55L   | 5.0 to 20.0 | >200             |
|  | 9341-65L   | 5.0 to 25.0 | >200             |
|  | 9341-75L   | 5.0 to 30.0 | >200             |
|  | 9341-85L   | 5.0 to 35.0 | >200             |
|  | 9341-95L   | 6.0 to 40.0 | >200             |

## 9385 SERIES

The 9385 ceramic trimmer capacitor offers the advantages of high frequency operation, miniature size, and remarkable cost effectiveness.

### CHARACTERISTICS

- Working Voltage: 50 VDC (110 VDC Test)
- Insulation Resistance:  $> 10^4 M\Omega$
- Temperature Range:  $-30^{\circ}C$  to  $+85^{\circ}C$
- Tuning Tool: 8777
- RoHS Compliant



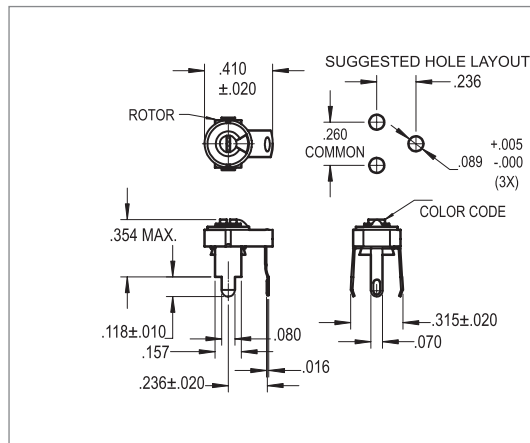
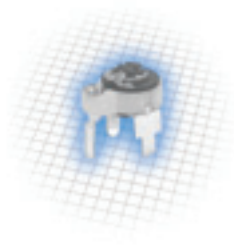
| JMC<br>P/N | RANGE<br>PF | MIN Q<br>@ 10 MHz | COLOR<br>CODE | JMC<br>P/N | RANGE<br>PF | MIN Q<br>@ 10 MHz | COLOR<br>CODE |
|------------|-------------|-------------------|---------------|------------|-------------|-------------------|---------------|
| 9385-15L   | 1.2 to 3.0  | >500              | BLACK         | 9385-1PC   | 1.2 to 3.0  | >500              | BLACK         |
| 9385-25L   | 1.4 to 5.0  | >500              | RED           | 9385-2PC   | 1.4 to 5.0  | >500              | RED           |
| 9385-35L   | 1.8 to 9.0  | >300              | NONE          | 9385-3PC   | 1.8 to 9.0  | >300              | NONE          |
| 9385-45L   | 2.8 to 18.0 | >300              | BLUE          | 9385-4PC   | 2.8 to 18.0 | >300              | BLUE          |
| 9385-55L   | 4.0 to 28.0 | >200              | YELLOW        | 9385-5PC   | 4.0 to 28.0 | >200              | YELLOW        |

## 9300 SERIES

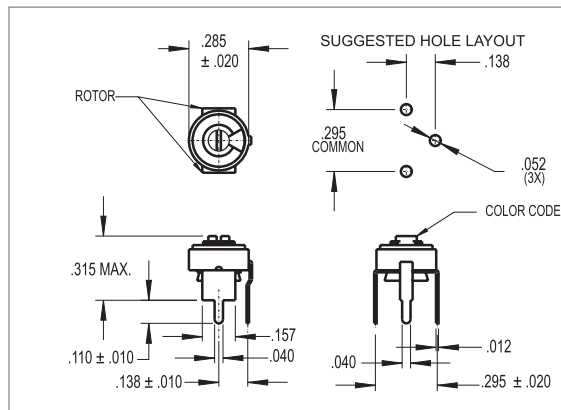
These ceramic trimmer capacitors are designed for broadband applications, from audio 500 MHz, and afford an ideal low cost means of trimming circuitry.

### CHARACTERISTICS

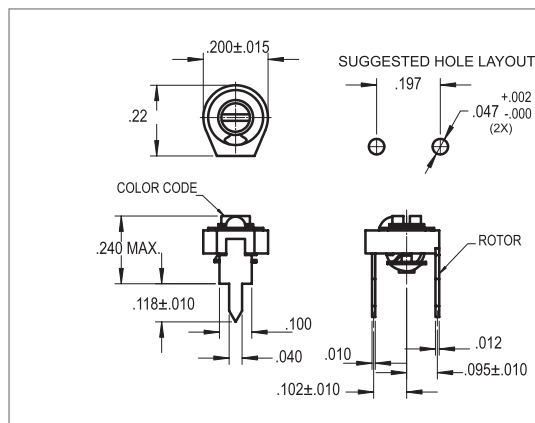
- Working Voltage: 250 VDC (500 VDC Test)
- Insulation Resistance:  $> 10^4 M\Omega$
- Temperature Range:  $-55^\circ C$  to  $+85^\circ C$
- Tuning Tool: 8764
- Packaging: Bulk
- RoHS Compliant



| JMC P/N | RANGE PF      | MIN Q @ 10 MHz | COLOR CODE |
|---------|---------------|----------------|------------|
| 9300    | 2.8 TO 8.0    | >300           | RED        |
| 9301    | 2.0 TO 12.0   | >300           | NONE       |
| 9302    | 2.5 TO 23.0   | >300           | BLUE       |
| 9303    | 4.0 TO 34.0   | >300           | ORANGE     |
| 9304    | 5.5 TO 45.0   | >200           | BROWN      |
| 9305    | 6.0 TO 55.0   | >200           | GREEN      |
| 9314    | 6.0 TO 60.0   | >200           | PINK       |
| 9315    | 6.0 TO 70.0   | >200           | GRAY       |
| 9328    | 12.0 TO 100.0 | >200 @ 1 MHz   | WHITE      |



| JMC P/N | RANGE PF    | MIN Q @ 10 MHz | COLOR CODE |
|---------|-------------|----------------|------------|
| 9306    | 2.0 TO 8.0  | >300           | RED        |
| 9307    | 2.0 TO 12.0 | >300           | NONE       |
| 9308    | 2.5 TO 23.0 | >300           | BLUE       |
| 9309    | 4.0 TO 34.0 | >300           | ORANGE     |
| 9310    | 5.5 TO 45.0 | >200           | BROWN      |
| 9311    | 6.0 TO 55.0 | >200           | GREEN      |



| JMC P/N | RANGE PF    | MIN Q @ 10 MHz | COLOR CODE |
|---------|-------------|----------------|------------|
| 9371    | 1.8 TO 5.0  | >300           | BLACK      |
| 9372    | 3.0 TO 10.0 | >300           | NONE       |
| 9373    | 3.5 TO 18.0 | >300           | BLUE       |
| 9374    | 5.0 TO 25.0 | >300           | PURPLE     |
| 9376    | 9.0 TO 50.0 | >200 @ 1 MHz   | GREEN      |

