

Weight: 0.006 (g)

Package Size: 0603 (1608)

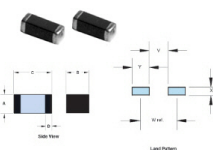
| Dim | mm  | mm tol | nominal inch | inch misc. |
|-----|-----|--------|--------------|------------|
| A   | 0.8 | ±0.15  | 0.031        | —          |
| B   | 0.8 | ±0.15  | 0.031        | —          |
| C   | 1.6 | ±0.15  | 0.063        | —          |
| D   | 0.4 | ±0.20  | 0.016        | —          |

## Land Patterns

| V                | W                | X                | Y                | Z |
|------------------|------------------|------------------|------------------|---|
| 0.60<br>(0.024") | 1.70<br>(0.067") | 1.00<br>(0.039") | 1.10<br>(0.043") | — |

## Reel Information

| Tape Width mm | Pitch mm | Parts 7" Reel | Parts 13" Reel | Parts 14" Reel |
|---------------|----------|---------------|----------------|----------------|
| 8             | 4        | 4000          | —              | —              |



| Part No.    | A         | B         | C         | D         | V     | W    | X    | Y    | Z    | Reel Information |
|-------------|-----------|-----------|-----------|-----------|-------|------|------|------|------|------------------|
| 0402 (1005) | 0.50±0.05 | 0.50±0.05 | 0.50±0.05 | 0.25±0.15 | 0.002 | 0.40 | 1.30 | 0.70 | 0.80 | 8 4 10000 —      |
| 0603 (1608) | 0.60±0.15 | 0.60±0.15 | 0.60±0.15 | 0.30±0.15 | 0.006 | 0.60 | 1.70 | 1.00 | 1.10 | 8 4 4000 10000   |
| 0805 (2012) | 0.80±0.2  | 0.80±0.2  | 0.80±0.2  | 0.40±0.2  | 0.01  | 0.80 | 2.00 | 1.30 | 1.40 | 8 4 4000 10000   |
| 1206 (3216) | 1.20±0.2  | 1.20±0.2  | 1.20±0.2  | 0.70±0.2  | 0.03  | 1.20 | 3.40 | 2.00 | 2.10 | 8 4 3000 10000   |
| 1808 (4516) | 1.80±0.2  | 1.80±0.2  | 1.80±0.2  | 0.90±0.2  | 0.06  | 2.00 | 3.90 | 2.40 | 2.50 | 12 8 2000 10000  |
| 1912 (4532) | 1.90±0.2  | 1.90±0.2  | 1.90±0.2  | 0.90±0.2  | 0.09  | 2.00 | 3.90 | 2.40 | 2.50 | 12 8 1000 5000   |

## Chart Legend

+ Test frequency

## Typical Impedance (Ω)

|                       |     |
|-----------------------|-----|
| 50 MHz                | 160 |
| 100 MHz <sup>+</sup>  | 220 |
| 500 MHz               | 267 |
| 1000 MHz <sup>+</sup> | 180 |

## Electrical Properties

|                  |      |
|------------------|------|
| Max DCR (Ω)      | 0.8  |
| Max Current (mA) | 2000 |

Fair-Rite Products Corp. • One Commercial Row, Wallkill, New York 12589-0288

888-324-7748 • 845-895-2055 • Fax: 845-895-2629 • ferrites@fair-rite.com • www.fair-rite.com