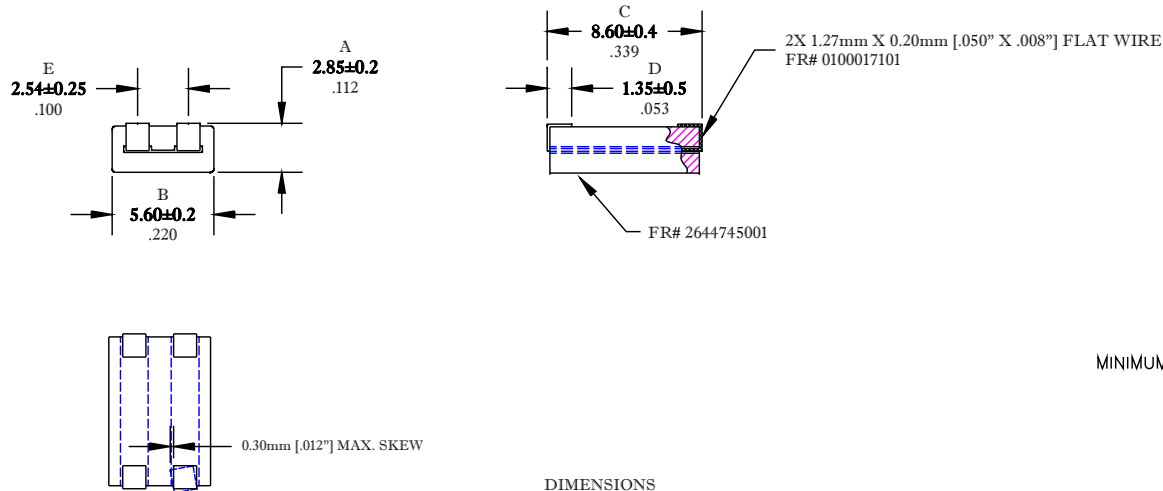


\*\* Not all features are shown in this drawing. For more detailed information, please contact your Fair-Rite representative.

UNCONTROLLED ~CATALOG~ DRAWING

|      |            |      |
|------|------------|------|
| SIZE | PART NO.   | REV. |
| B    | 2744045447 | ~    |



ELECTRICAL SPECIFICATIONS

| Impedance |         |
|-----------|---------|
| 25 MHz    | 100 MHz |
| 30 Min.   | 48 Min. |

MINIMUM BREAKDOWN VOLTAGE = 500 VDC BETWEEN CONDUCTORS

DIMENSIONS  
**BOLD NUMBERS ARE IN MILLIMETERS**  
 LIGHT NUMBERS ARE IN INCHES

NOTES:

- 1 - WIRE TO BE OXYGEN FREE, HIGH CONDUCTIVITY COPPER.
- 2 - WIRE MEETS FAIR-RITE PRODUCTS CORP. SOP# ELC-57, FOR SOLDERABILITY.
- 3 - THIS PART TO MEET FAIR-RITE PRODUCTS CORP. VISUAL INSPECTION CRITERIA FOR SURFACE MOUNT BEADS.
- 4 - THIS PART TO MEET FAIR-RITE PRODUCTS CORP. SOP# ELC-27 FOR THERMAL SHOCK RESISTANCE.
- 5 - IMPEDANCE IS MEASURED ON A E4991A USING A 16092A TEST FIXTURE.
- 6 - COPLANARITY BETWEEN LEADS: 0.20mm [.008"] MAX.

|                                      |                   |             |                        |           |
|--------------------------------------|-------------------|-------------|------------------------|-----------|
| FAIR-RITE PRODUCTS CORP.             |                   |             |                        |           |
| TITLE COMMON-MODE SURFACE MOUNT BEAD |                   |             |                        |           |
| DRAWN BY<br>D. FOOTE                 | DATE<br>9/10/2021 | SIZE<br>B   | PART NO.<br>2744045447 | REV.<br>~ |
| CHKD BY                              |                   |             |                        |           |
| APPRVD BY                            |                   | SCALE: NONE | SHEET 1 OF 1           |           |

FR# 44