



# Frontier Electronics Corp.

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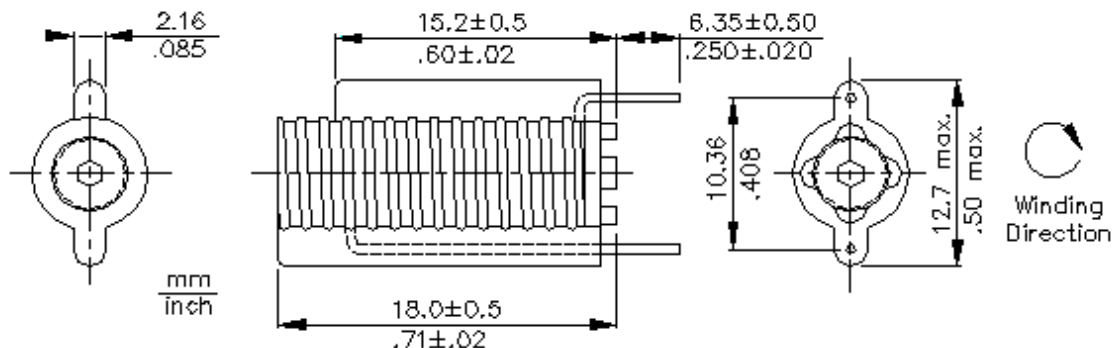
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## Insert Molded Coil—2303 series

### A. Mechanical Drawing:



### B. Electrical Specification:

| Part No. | L Min. (uH) | L Nom. (uH) | L Max. (uH) | Q Min. @ L Nom. | Color  |
|----------|-------------|-------------|-------------|-----------------|--------|
| 2303-01  | 0.047       | 0.049       | 0.051       | 110             | Brown  |
| 2303-02  | 0.068       | 0.077       | 0.088       | 125             | Red    |
| 2303-03  | 0.095       | 0.114       | 0.137       | 140             | Orange |
| 2303-04  | 0.119       | 0.144       | 0.174       | 140             | Yellow |
| 2303-05  | 0.147       | 0.181       | 0.223       | 145             | Green  |
| 2303-06  | 0.179       | 0.221       | 0.272       | 150             | Blue   |
| 2303-07  | 0.208       | 0.253       | 0.308       | 150             | Violet |
| 2303-08  | 0.230       | 0.285       | 0.352       | 154             | Gray   |
| 2303-09  | 0.260       | 0.316       | 0.384       | 155             | White  |

### C. Features:

1. Plastic molded.
2. High reliability.
3. Low cost.

### D. Measurement:

1. Q and L measured with leads connected directly.
2. L min. measured without core.
3. Inductance greater than 0.1uH read at recommended Q meter frequency.
4. Inductance below 0.1uH calculated from readings taken at 50MHz.

### E. Test equipment:

Q meter (HP 4342A)