



Frontier Electronics Corp.

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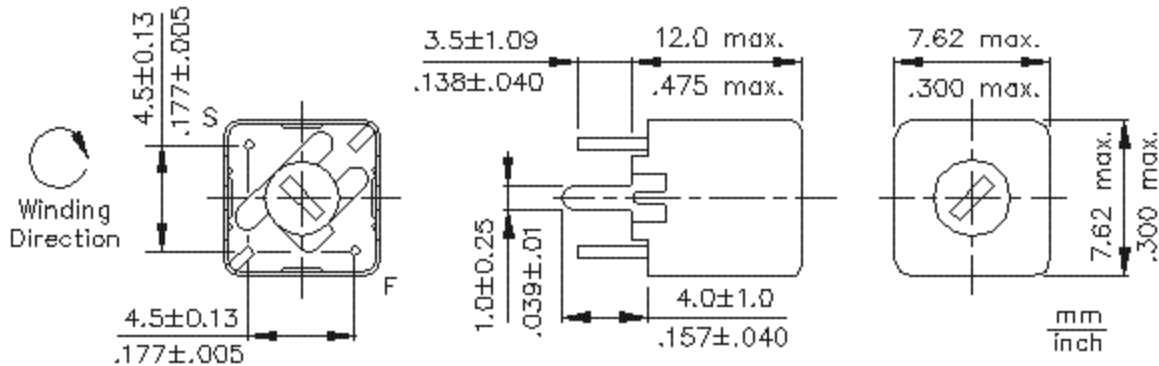
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Insert Molded Coil—2436 series

A. Mechanical Drawing:



B. Electrical Specification:

Part No.	L Min. (uH)	L Nom. (uH)	L Max. (uH)	Q Min. @ L Nom.	Color
2436-01	0.0380	0.0390	0.0395	65 @ 50 MHz	Brown
2436-02	0.0510	0.0540	0.0560	70 @ 50 MHz	Red
2436-03	0.0710	0.0760	0.0810	77 @ 50 MHz	Orange
2436-04	0.0860	0.0950	0.1040	80 @ 50 MHz	Yellow
2436-05	0.1070	0.1150	0.1230	78 @ 50 MHz	Green
2436-06	0.1250	0.1340	0.1430	80 @ 50 MHz	Blue
2436-07	0.1500	0.1560	0.1620	80 @ 50 MHz	Violet

C. Features:

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

D. Measurement:

1. Q and L measured with ½" long of TCW#16 soldered along the coil leads and with one end flush with the bottom of the coil then bent ¼" down from stand off at an angle of 90°.
2. L min. measured with core halfway out of the top of the form.
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)