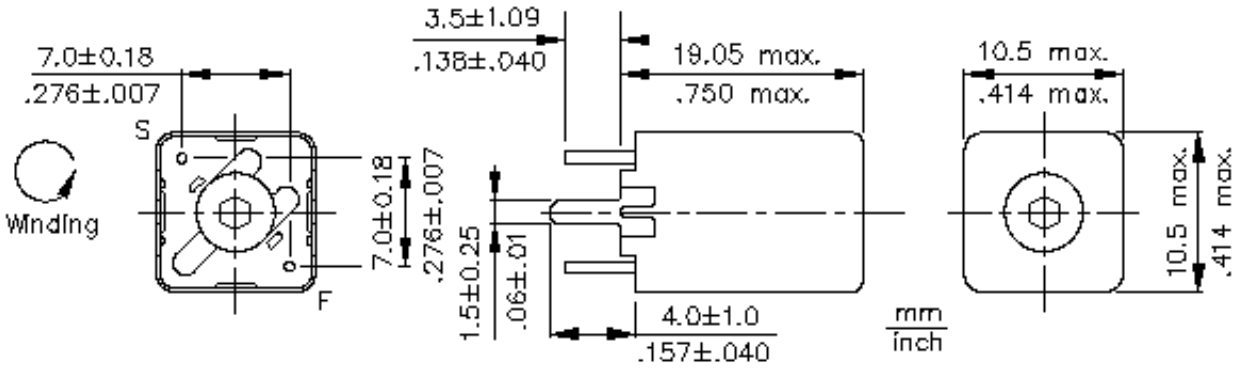
Frontier Electronics Corp.

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Insert Molded Coil—2432 series

A. Mechanical Drawing:



B. Electrical Specification:

Part No.	L Min. (uH)	L Nom. (uH)	L Max. (uH)	Q Min. @ L Nom.	Color
2432-09	0.315	0.369	0.423	80 @ 40 MHz	White
2432-10	0.355	0.416	0.477	82 @ 40 MHz	Black
2432-11	0.396	0.468	0.540	78 @ 40 MHz	Brown
2432-12	0.433	0.509	0.585	80 @ 40 MHz	Red
2432-13	0.475	0.556	0.637	80 @ 40 MHz	Orange
2432-14	0.515	0.604	0.693	78 @ 40 MHz	Yellow
2432-15	0.583	0.660	0.738	80 @ 40 MHz	Green
2432-16	0.638	0.720	0.801	76 @ 40 MHz	Blue
2432-17	0.693	0.770	0.846	76 @ 40 MHz	Violet
2432-18	0.754	0.814	0.874	82 @ 40 MHz	Gray
2432-19	0.792	0.846	0.900	80 @ 40 MHz	White
2432-20	0.847	0.896	0.945	74 @ 40 MHz	Black

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)