

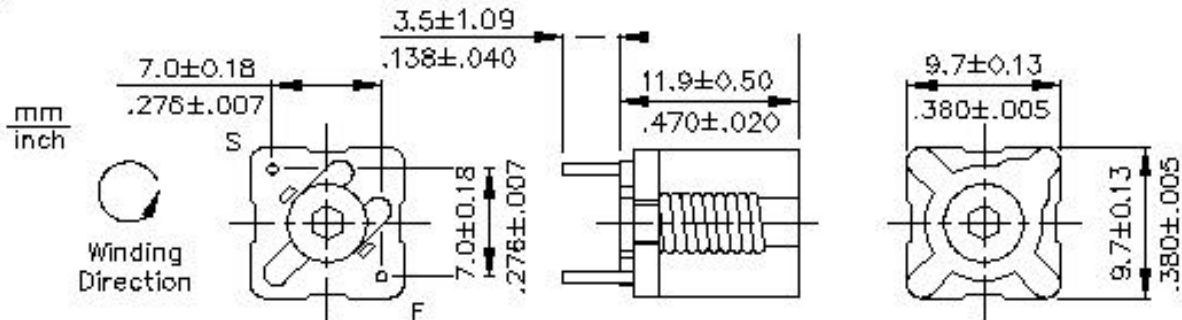


Frontier Electronics Corp.

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Insert Molded Coil—2429 series

A. Mechanical Drawing:



B. Electrical Specification:

Part No.	L Min. (uH)	L Nom. (uH)	L Max. (uH)	Q Min. @ L Nom.	Color
2429-01	0.047	0.050	0.053	--	Brown
2429-02	0.089	0.092	0.097	--	Red
2429-03	0.133	0.143	0.152	--	Orange
2429-04	0.174	0.196	0.218	116 @ 40MHz	Yellow
2429-05	0.226	0.256	0.287	111 @ 40 MHz	Green
2429-06	0.275	0.315	0.355	112 @ 40 MHz	Blue
2429-07	0.330	0.378	0.427	102 @ 40 MHz	Violet
2429-08	0.396	0.450	0.504	92 @ 40 MHz	Gray
2429-09	0.473	0.520	0.567	92 @ 40 MHz	White
2429-10	0.550	0.592	0.635	92 @ 40 MHz	Black

C. Features:

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

D. Measurement:

1. Q and L measured with 1/2" long of TCW#16 soldered along the coil leads and with one end flush with the bottom of the coil then bent 1/4" 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)