



# Frontier Electronics Corp.

667 E. COCHRAN STREET, SIMI VALLEY, CA 93065

TEL: (805) 522-9998

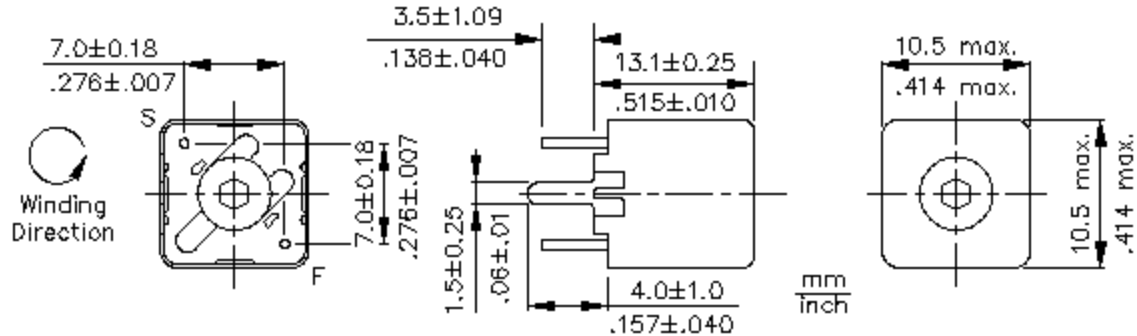
FAX: (805) 522-9989

E-mail: frontiersales@frontierusa.com

Web: frontierusa.com

## Insert Molded Coil—2430 series

### A. Mechanical Drawing:



### B. Electrical Specification:

Part No.	L Min. (uH)	L Nom. (uH)	L Max. (uH)	Q Min. @ L Nom.	Color
2430-01	0.042	0.044	0.045	--	Brown
2430-02	0.064	0.070	0.074	--	Red
2430-03	0.115	0.117	0.120	--	Orange
2430-04	0.147	0.156	0.160	88 @ 40 MHz	Yellow
2430-05	0.182	0.197	0.205	86 @ 40 MHz	Green
2430-06	0.220	0.240	0.248	85 @ 40 MHz	Blue
2430-07	0.259	0.280	0.290	80 @ 40 MHz	Violet
2430-08	0.299	0.322	0.337	77 @ 40 MHz	Gray
2430-09	0.338	0.363	0.377	80 @ 40 MHz	White
2430-10	0.382	0.410	0.422	82 @ 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)