

# Standex Variable Inductors



## Series 929, 138, & 928

### Features:

- Economically precision molded in polypropylene plastic for excellent long term electrical and mechanical stability
- Series 138 may be tapped in two places. Series 928 is tappable in six positions
- Inductance values are available from less than .043 $\mu$ H to .419 $\mu$ H with very high "Q"
- Windings may be molded in various positions
- Several core materials & lengths available
- Standard inductor samples are available "off the shelf"
- Backed by over 40 years of expertise

BASIC PART NUMBER*	SUG- GESTED CORE	INDUCTANCE $\mu$ H $\pm$ 5%		Q $\pm$ 10%		TEST FREQ MHz
		MINIMUM	MAXIMUM	AT MIN. L	AT MAX L	
92901	J4	.043	.052	90	104	40
92902	J4	.061	.086	113	127	40
92903	J4	.084	.128	128	140	40
92904	J4	.110	.176	115	144	25
92905	J4	.137	.225	122	150	25
92906	J4	.164	.269	131	154	25
92907	J4	.200	.310	141	156	25
92908	J4	.242	.346	149	158	25
92909	J4	.289	.384	158	160	25

BASIC PART NUMBER*	SUG- GESTED CORE	INDUCTANCE $\mu$ H $\pm$ 5%		Q $\pm$ 10%		TEST FREQ MHz
		MINIMUM	MAXIMUM	AT MIN. L	AT MAX L	
92901	E4	.043	.054	94	98	40
92902	E4	.061	.093	113	114	40
92903	E4	.085	.143	131	122	40
92904	E4	.110	.194	116	140	25
92905	E4	.137	.245	124	145	25
92906	E4	.164	.295	134	148	25
92907	E4	.202	.340	144	148	25
92908	E4	.249	.379	153	149	25
92909	E4	.304	.419	159	152	25

\* Series 929 is the "Not tappable" basic part number. The electrical characteristics shown also apply to tappable series 138 and 928. See reverse side for part number breakdown.

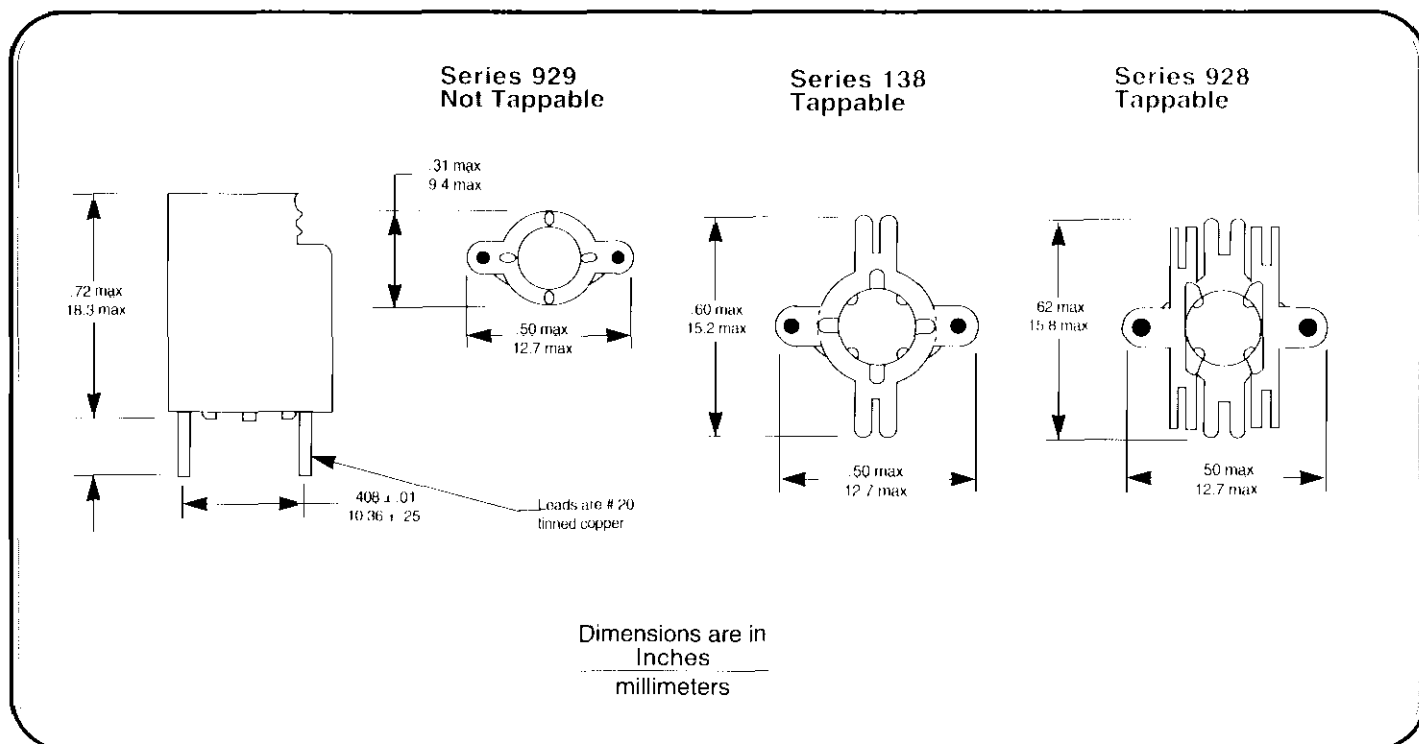
For mechanical specifications and notes, see reverse side.

## Standex Electronics

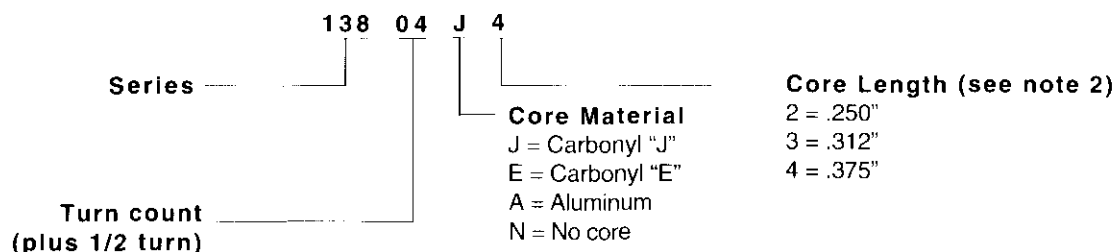
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To order, add the core material and the length desired to the basic part number. Example part number:



In this example, the 138 series was ordered with 4 1/2 turns, and a carbonyl "J" core with a length of .375".

## NOTES

- 1) Minimum inductance is measured with the core halfway out of the coil form.
- 2) Carbonyl E & J material cores are available 1/4", 5/16" or 3/8" long. Aluminum cores are available 5/16" long only. The electrical measurements shown were made with a 10-32, 3/8" long carbonyl "J" or "E" core as noted. Other core lengths and material are available. Call the factory for details.
- 3) Electrical winding taps are available on series 138 and 928. Call the factory for details.
- 4) Series 929, 139 and 929 windings are 16 TPI and have an O.D. of .310". Distance from the mounting surface to the first turn on series 138 and 928 is .10". Distance from the mounting surface to the first turn on series 929 is .09".
- 5) The shorter "shoulder" indicates the start lead.
- 6) Coil form material is polypropylene.
- 7) These coils may be tuned with Standex tuning wrench numbers 160, 55, 95, 302 or 764.
- 8) Standex catalog specifications are subject to change without notice.
- 9) Electrical specifications are shown on the reverse side of this page.

Custom coils, inductors, and transformers are standard at Standex Electronics. Please call or write with any questions or requirement you may have,

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