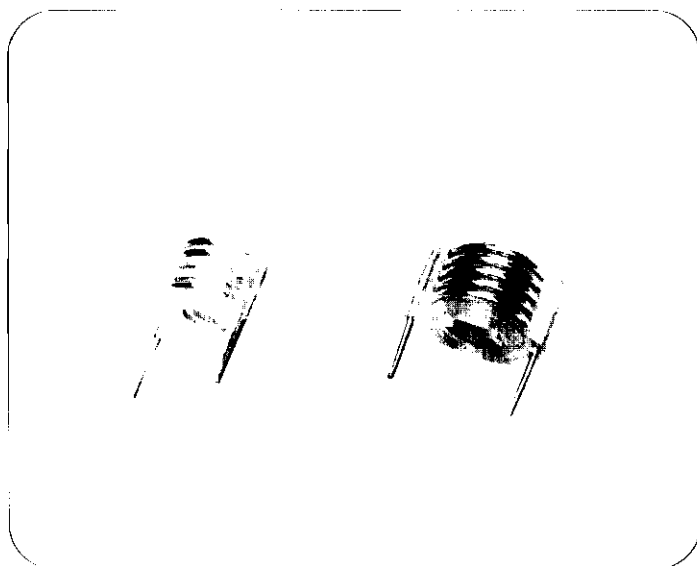


Standex Molded Variable Inductors



Series 308, 932, 408, & 933

Features:

- Economically precision molded in polypropylene plastic for excellent long term stability
- Some models may be tapped
- Inductance values are available from less than .045 μ H to .610 μ H with very high Q
- Windings may be molded in various positions
- Several core materials and lengths available
- Standard inductor samples are available "off the shelf"
- Backed by over 40 years of expertise

TAPPABLE BASIC PART NUMBER	SUG- GESTED CORE	UNTAPPABLE BASIC PART NUMBER	SUG- GESTED CORE	INDUCTANCE μ H		Q $\pm$ 10%	
				MINIMUM $\pm$ 5%	MAXIMUM $\pm$ 10%	AT MIN. L	AT MAX. L
30801	J4	40801	J4	.046	.053	113	119
30802	J4	40802	J4	.080	.098	148	150
30803	J4	40803	J4	.120	.160	168	163
30804	J4	40804	J4	.168	.226	184	176
30805	J4	40805	J4	.216	.290	196	181
30806	J4	40806	J4	.268	.373	210	187
30807	J4	40807	J4	.324	.446	214	185

93201	J4	93301	J4	.045	.058	108	122
93202	J4	93302	J4	.079	.114	146	159
93203	J4	93303	J4	.120	.188	170	176
93204	J4	93304	J4	.169	.270	185	183
93205	J4	93305	J4	.217	.366	199	185
93206	J4	93306	J4	.270	.450	207	186
93207	J4	93307	J4	.320	.550	217	182

TAPPABLE BASIC PART NUMBER	SUG- GESTED CORE	UNTAPPABLE BASIC PART NUMBER	SUG- GESTED CORE	INDUCTANCE μ H		Q $\pm$ 10%	
				MINIMUM $\pm$ 5%	MAXIMUM $\pm$ 10%	AT MIN. L	AT MAX. L
30801	E4	40801	E4	.046	.054	113	113
30802	E4	40802	E4	.080	.102	148	134
30803	E4	40803	E4	.120	.170	168	142
30804	E4	40804	E4	.168	.240	184	152
30805	E4	40805	E4	.216	.315	196	154
30806	E4	40806	E4	.268	.400	210	154
30807	E4	40807	E4	.324	.480	214	152

93201	E4	93301	E4	.045	.062	108	116
93202	E4	93302	E4	.079	.123	146	139
93203	E4	93303	E4	.120	.200	170	148
93204	E4	93304	E4	.169	.300	185	150
93205	E4	93305	E4	.217	.400	199	148
93206	E4	93306	E4	.270	.500	207	145
93207	E4	93307	E4	.322	.610	217	142

All electrical characteristics shown were made at 40 MHz.

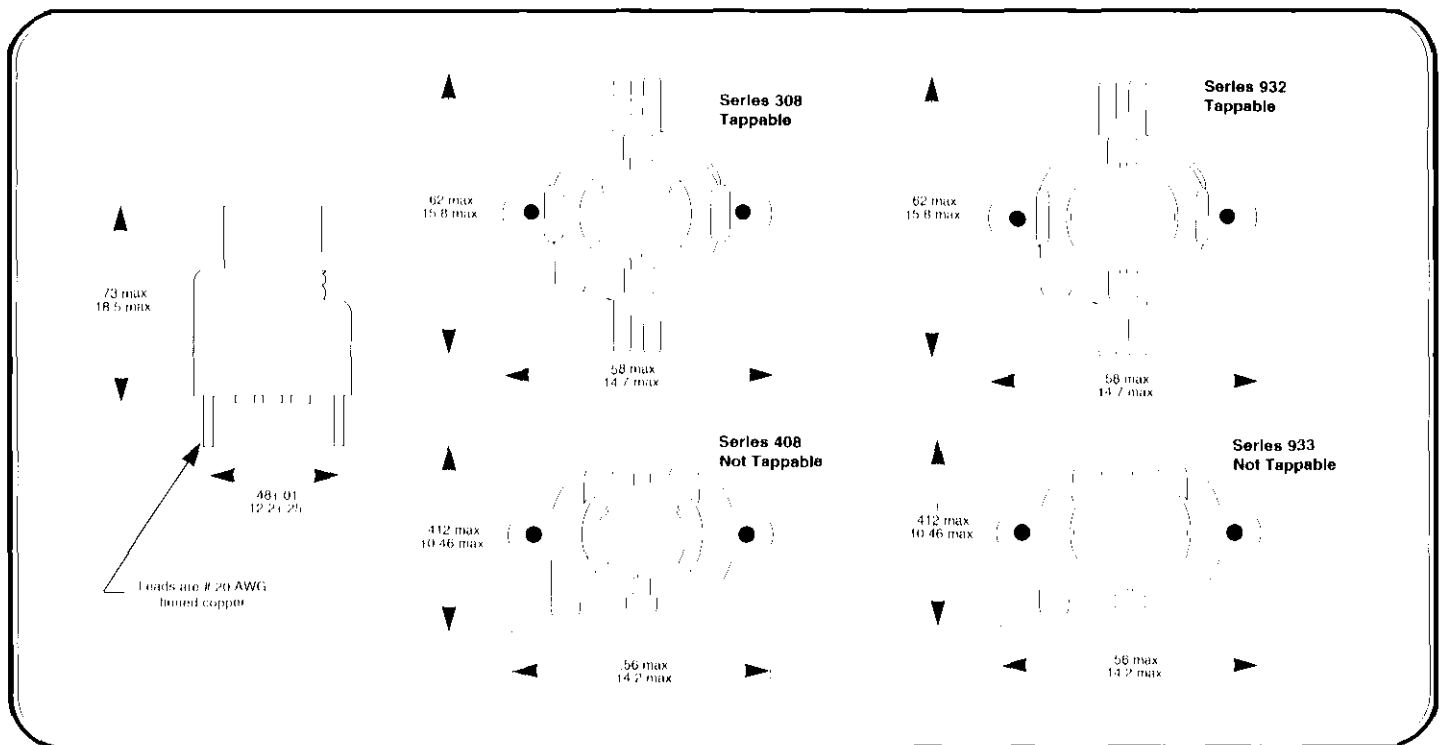
For mechanical specifications and notes, see reverse side.

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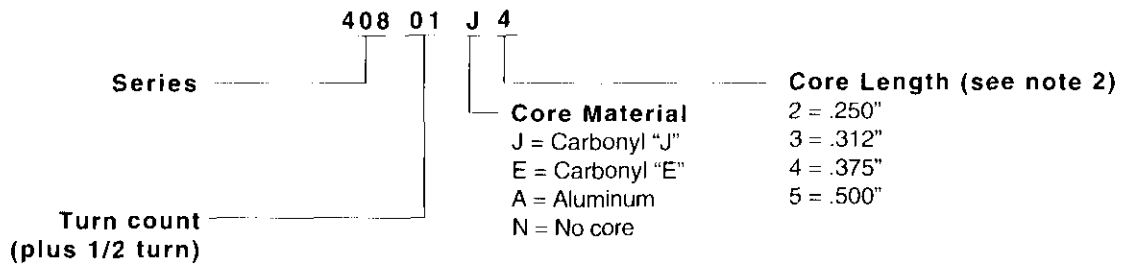
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Phone (513) 871-3777 • Fax (513) 871-3779



a Standex company



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



In this example, the 408 series was ordered with 1 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", 3/8" and 1/2" long for series 308 & 408; 1/4", 3/8" & 1/2" long for series 932 & 933. Aluminum cores are available 5/16" long only for series 308 & 408; 1/4" long only for series 932 & 933. The electrical measurements shown were made with a 3/8" long "E" or "J" material core as noted. Other core materials & lengths are available. Call the factory for details. Outside diameter and thread of the cores used in series 932 and 933 is 1/4 x 28. Series 308 and 408 use a 10-32 core.
- 3) Electrical winding taps are available on series 308 and 932. Call the factory for details.
- 4) Windings for series 308, 408, 932 and 933 are 20 TPI, have an O.D. of .391", and are .065" from the mounting surface to the first turn.
- 5) The shorter "shoulder" indicates the start lead.
- 6) Series 308 or 408 may be tuned with Standex tuning wrench number 160, 55, 95, 302 or 764. Series 932 or 933 may be tuned with Standex tuning wrench numbers 160, 95 or 764.
- 7) Coil form material is polypropylene.
- 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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