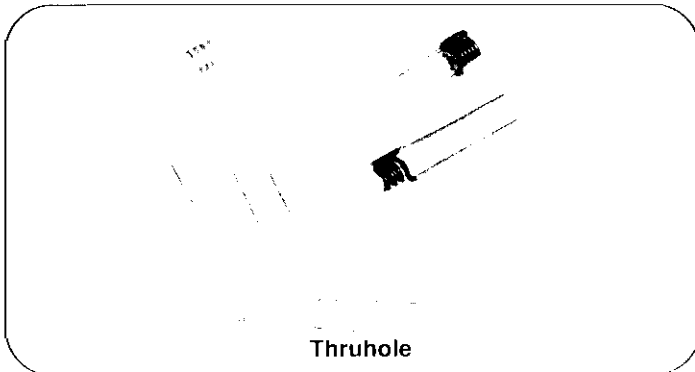
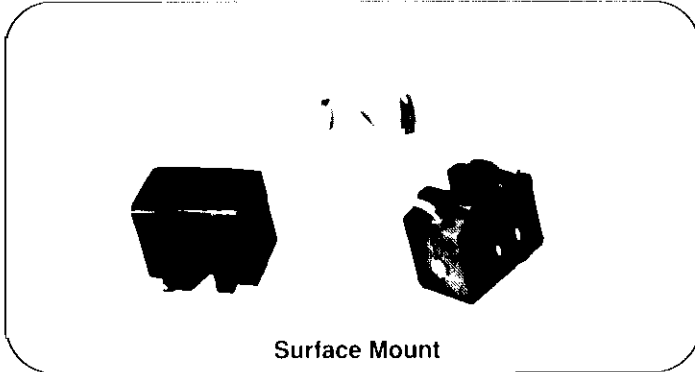


Standex

Fixed Air Core Inductors

Surface Mount and Through Hole



Series 165, 166, 168, 887, 888, 890, 891 & 896

Features

- Extremely economical "Tape & Reel" packaging available for automatic insertion
- Precision molded for excellent long term electrical and mechanical stability
- Very tight inductance tolerances
- Backed by over 40 years of expertise
- Samples are available "off the shelf"
- Call for our special designers sample kit

Series 890 (Horizontal); 165, 891 & 896 Thru-hole

Part Number	Inductance nH ±5%	Minimum Q	Test Freq. MHz
890 02	16.6	105	150
890 03	24.0	120	150
890 04	33.0	120	100
890 05	47.0	125	100
890 06	64.0	130	100
890 07	84.0	115	100
165 01	3.5	115	250
165 02	4.3	125	250
165 03	5.2	140	250
165 04	6.1	140	250
891 01	9.5	155	270
891 02	10.7	160	270
891 03	11.5	160	270
891 04	12.7	170	270
891 05	13.5	170	270
891 06	14.7	170	270
891 07	15.8	180	270
891 08	17.1	175	270
89601			PC Board Jumper

Series 166 & 168 Surface Mount

Part Number	Inductance nH ±5%	Minimum Q	Test Freq. MHz
166 01	3.5	115	250
166 02	4.3	125	250
166 03	5.2	140	250
166 04	6.1	140	250
168 02	16.6	105	150
168 03	24.0	120	150
168 04	33.0	120	100
168 05	47.0	125	100
168 06	64.0	130	100
168 07	84.0	115	100

Series 887 & 888 (Vertical) Thru-hole

Part Number	Inductance nH ±5%	Minimum Q	Test Freq. MHz
887 01	15.3	100	150
887 02	23.0	105	150
887 03	33.0	105	100
887 04	43.0	105	100
887 05	54.0	105	100
887 06	66.0	105	100
887 07	78.0	105	100
887 08	90.0	105	100
887 09	102.0	105	100
887 10	115.0	105	100
888 01	15.0	100	150
888 02	21.4	110	100
888 03	28.0	110	100
888 04	35.3	115	100

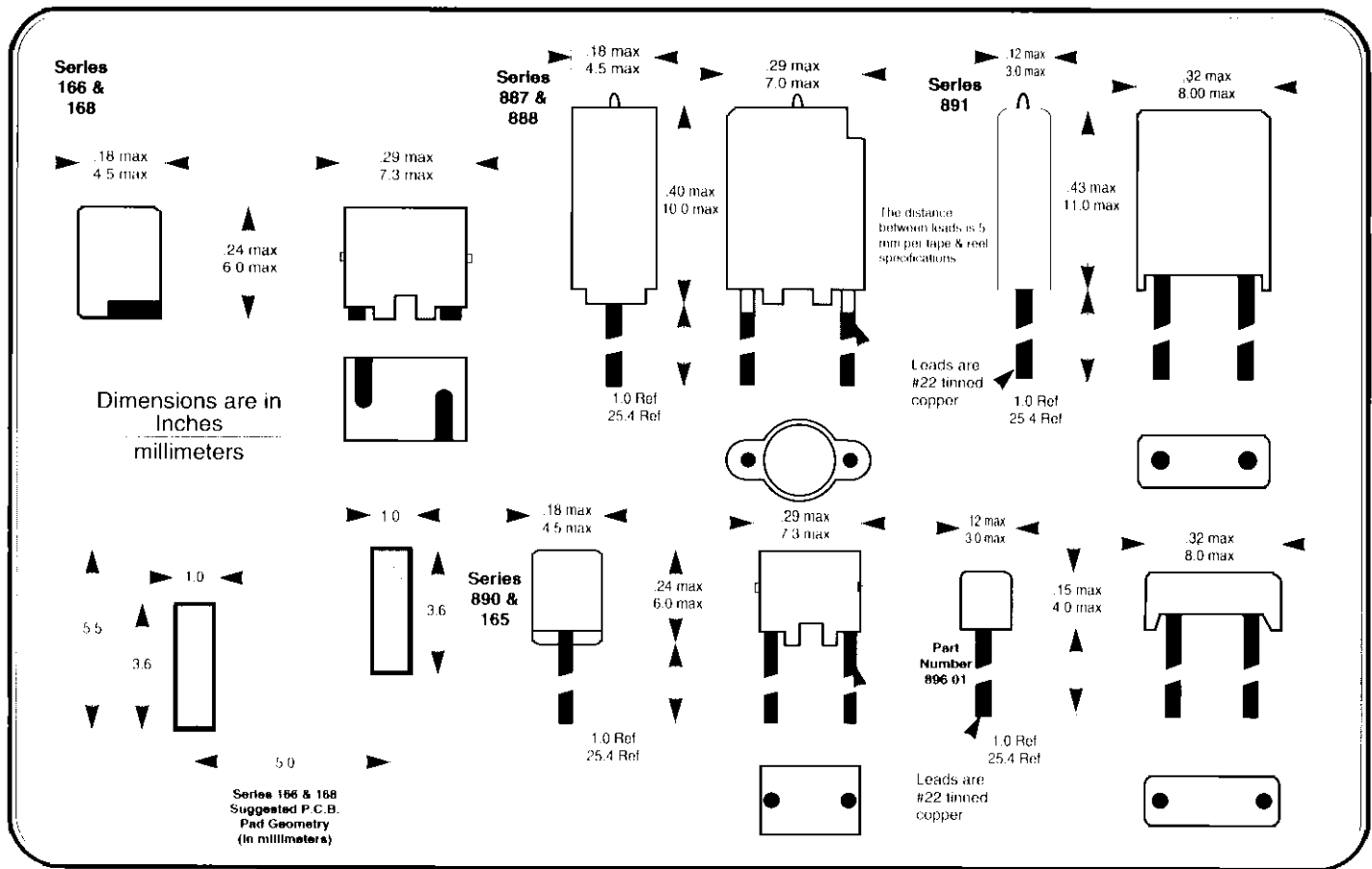
For mechanical specifications and notes, see reverse side.

Standex Electronics



a Standex company

4538 Camberwell Road • Cincinnati, OH 45209
 Phone (513) 871-3777 • Fax (513) 871-3779



To order, specify the series, turn count, and packaging desired. Example part number:

888 02 T

Series

Number of turns for Series 890 & 168; plus 1/2 turn for Series 887 and 888, or mold position for Series 891 165 and 166

F = Fan fold (available only on thru-hole parts)
 T = Tape and reel
 B = Bulk packed
 Quantities over 5000 may only be supplied "tape and reel" or "fan fold"

In this example, the series 888 was ordered with 2 1/2 turns, packaged "tape and reel."

NOTES

- 1) Series 165, 166 & 168 are supplied in high temperature plastic. Series 887, 888, 890, 891 & 896 are normally supplied in polypropylene plastic. High temperature plastic is available. Call the factory for details.
- 2) "Tape and reel" and "Fan fold" packaging for thru hole parts are compatible with Universal and Panasonic Automatic Insertion equipment.
- 3) Orders larger than 5000 pieces are usually supplied "tape and reel" or "fan fold". Smaller orders may be bulk packed. Contact the factory for further information.
- 4) Inductance measurements shown were made on a Boonton 190A 'Q' Meter by the direct connect method for series 168, 887, 888, 890 & 891. Inductance measurements for series 165 & 166 were made on an HP 4191.
- 5) Series 887 is "closewound." Series 888 is "spacewound."
- 6) Series 887 coils are 36 TPI and have an O.D. of .16". Distance from the mounting surface to the first turn is .051".
- 7) Series 888 coils are 18 TPI with an O.D. of .16". Distance from the mounting surface to the first turn is .079".
- 8) Series 890 and 168 coils have a variable pitch and an O.D. of .174". Distance from the mounting surface to the turns is .09".
- 9) Standex catalog specifications are subject to change without notice.
- 10) Electrical specifications are 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.

Form 165, 166, 168 (12/93)

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