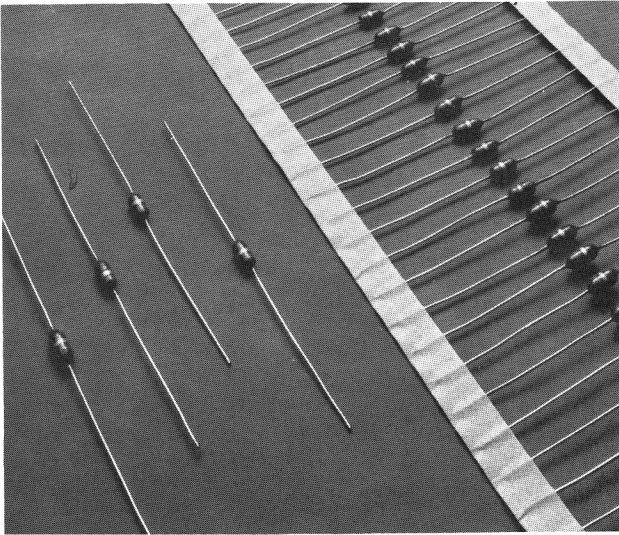
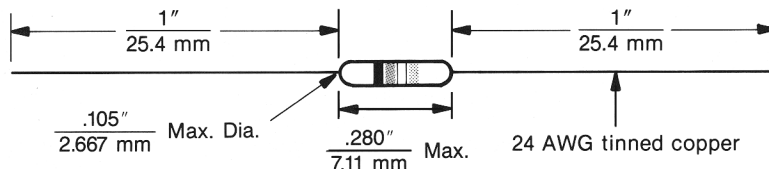


AXIAL LEAD CHOKE SPECIFICATION SHEET



Coilcraft's axial lead chokes are totally encapsulated in a durable epoxy coating. Their low cost compared to molded type chokes makes them particularly attractive to high volume users. Coilcraft chokes are available in the standard values listed on the back of this sheet or in custom values to meet your specific requirements. A design kit including many of the standard parts shown is available for a nominal charge.

- No molding stress to break wire.
- 10% inductance tolerance standard, 5% available.
- Resistance to humidity equal to or greater than that of molded types.
- Temperature coefficient compatible with N030-N080 capacitors through part number 70-30.
- Standard EIA color coding stripes.
- Significant savings for high volume users.
- Available in bulk packed, in conventional tape and reel, or "ammo packs". Custom lead forming also available.
- Offered in 49 standard values or in custom values.
- Coilcraft **Designer's Kit No. F101** contains samples of 25 standard parts. To order, please contact Coilcraft.



Coilcraft

70 SERIES CHOKES

Parts in bold face are in stock, available for immediate shipment. For other values, allow 6-8 weeks.

Part Number	L uH ±10%	Q Min.	Test Freq. MHz	DCR Max. Ohms	F ₀ Min. MHz	Max. Current mA
70-1	.10	40	25	.07	680	1410
70-2	.12	40	25	.08	640	1320
70-3	.15	38	25	.10	600	1180
70-4	.18	35	25	.12	550	1050
70-5	.22	33	25	.14	510	980
70-6	.27	33	25	.16	460	985
70-7	.33	30	25	.22	410	730
70-8	.39	30	25	.30	365	690
70-9	.47	30	25	.35	330	600
70-10	.56	30	25	.50	310	510
70-11	.68	28	25	.60	280	430
70-12	.82	28	25	.85	260	405
70-13	1.0	25	25	1.00	240	330
70-14	1.2	30	7.9	.18	150	800
70-15	1.5	30	7.9	.22	140	750
70-16	1.8	30	7.9	.30	125	605
70-17	2.2	30	7.9	.40	115	500
70-18	2.7	40	7.9	.50	100	490
70-19	3.3	45	7.9	.85	90	375
70-20	3.9	45	7.9	1.00	80	355
70-21	4.7	45	7.9	1.20	75	310
70-22	5.6	50	7.9	1.8	65	260
70-23	6.8	50	7.9	2.0	60	250
70-24	8.2	55	7.9	2.7	55	210
70-25	10	55	7.9	3.7	50	200
70-26	12	45	2.5	2.7	40	210
70-27	15	45	2.5	2.8	35	205
70-28	18	50	2.5	3.1	30	195
70-29	22	50	2.5	3.3	25	190
70-30	27	50	2.5	3.6	20	185
70-31	33	45	2.5	3.4	24	187
70-32	39	45	2.5	3.6	22	180
70-33	47	45	2.5	4.5	20	165
70-34	56	45	2.5	5.7	18	145
70-35	68	50	2.5	6.7	15	135
70-36	82	50	2.5	7.3	14	130
70-37	100	50	2.5	8.0	13	125
70-38	120	30	.79	13	12	100
70-39	150	30	.79	15	11	90
70-40	180	30	.79	17	10	85
70-41	220	30	.79	21	9	75
70-42	270	30	.79	25	8	70
70-43	330	30	.79	28	7	65
70-44	390	30	.79	35	6.5	60
70-45	470	30	.79	42	6	55
70-46	560	30	.79	46	5	50
70-47	680	30	.79	60	4	45
70-48	820	30	.79	65	3.8	43
70-49	1000	30	.79	72	3.4	40

NOTES: 1) Temperature rise at rated current and 90°C ambient
.10 - 1.0 uH: 35°C
1.2 - 1000 uH: 15°C

2) Maximum operating temperature
.10 - 1.0 uH: 125°C
1.2 - 1000 uH: 105°C

3) Inductance measured with TF-A test fixture per MIL-C-15305 using H.P. 4342A Q meter

4) Color coding per MIL-C-15305C

5) Epoxy coating: flame resistant 94 VO

6) Designed to meet requirements of Military Specifications MS75083, MS75084 and MS75085.

Coilcraft

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