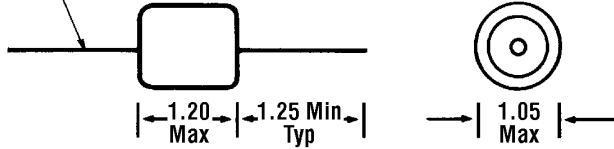


HIGH CURRENT CHOKES

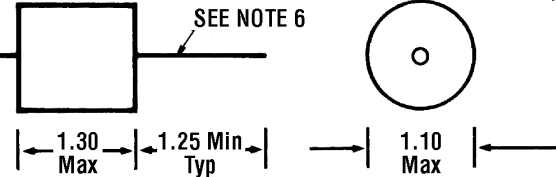
TYPE 7140

SEE NOTE 6



10 μ H-100 mH. 10% Tolerance
Recommended Mounting
Pitch—1.50"

TYPE 7150 (EPOXY ENCAPSULATED VERSION)



NOTES: (for both types)

- INDUCTANCE measured on QuadTech/GenRad 1659 RLC Digibridge at 1.0 KHz.
- CURRENT RATING (Rated IDC) is based on 1.5 watt power dissipation for approximately 20°C temperature rise. Depending on the application, these units may be operated at up to twice the rated current.
- INCREMENTAL CURRENT (INCR I) is the minimum current at which the inductance will be decreased by 5% from its initial (zero-DC) value because of saturation.
- DIELECTRIC WITHSTANDING VOLTAGE – 1000 VRMS
- OPERATING TEMPERATURE RANGE: -55° to +105°C.
- Leads are bare tinned copper: -01 thru -10, #14 AWG; -11, #15 AWG; -12 thru -49, #16 AWG.

7. Marking – Printed with Caddell-Burns Part Number.

8. Materials: (See below)

TYPE 7140

Coil Form: Ferrite
Magnet Wire: Per FED SPEC J-W-001177/9
Jacket: Per MIL-I-23053/5, Class 1.
Flame Retardant IAW UL 224, Class 1.

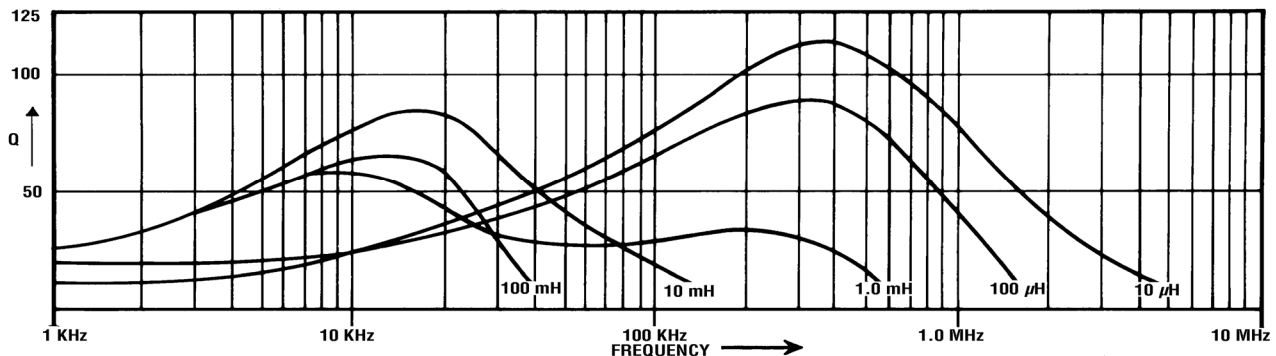
Type 7150

Coil Form: Ferrite
Magnet Wire: Per FED SPEC J-W-001177/9
Cover and Coating: Epoxy encapsulated

STANDARD VALUES: (Electrical characteristics are identical for both types. Other values are available on special order.)

Dash No.	Nominal Inductance	DCR \pm 20% Ohms	Min. SRF MHz	Rated IDC Amps	INCR I Amps	Dash No.	Nominal Inductance	DCR \pm 20% Ohms	Min. SRF MHz	Rated IDC Amps	INCR I Amps
-01	10 μ H	0.0060	8.8	16	43	-26	1.2 mH	0.23	0.48	2.6	3.8
-02	12	0.0065	8.0	15	39	-27	1.5	0.31	0.40	2.2	3.4
-03	15	0.0070	7.4	15	36	-28	1.8	0.35	0.37	2.1	3.1
-04	18	0.0080	5.4	14	32	-29	2.2	0.46	0.32	1.8	2.8
-05	22	0.0085	3.9	13	29	-30	2.7	0.54	0.30	1.7	2.6
-06	27	0.0090	3.3	13	26	-31	3.3	0.72	0.27	1.4	2.3
-07	33	0.010	3.1	12	24	-32	3.9	0.79	0.25	1.4	2.1
-08	39	0.011	2.7	12	21	-33	4.7	0.90	0.24	1.3	1.9
-09	47	0.012	2.6	11	20	-34	5.6	1.2	0.20	1.1	1.8
-10	56	0.013	2.3	11	18	-35	6.8	1.3	0.19	1.1	1.6
-11	68	0.017	2.1	9.4	16	-36	8.2	1.7	0.16	0.94	1.5
-12	82	0.023	1.8	8.1	15	-37	10	2.0	0.15	0.87	1.3
-13	100	0.025	1.6	7.7	14	-38	12	2.7	0.12	0.75	1.2
-14	120	0.028	1.5	7.3	12	-39	15	3.1	0.11	0.70	1.1
-15	150	0.032	1.4	6.8	11	-40	18	3.5	0.10	0.65	1.0
-16	180	0.042	1.2	6.0	10	-41	22	4.7	0.096	0.56	0.90
-17	220	0.048	1.1	5.6	9.2	-42	27	5.3	0.088	0.53	0.81
-18	270	0.055	1.0	5.2	8.0	-43	33	7.1	0.076	0.46	0.74
-19	330	0.072	0.96	4.6	7.4	-44	39	7.9	0.070	0.44	0.68
-20	390	0.079	0.84	4.4	6.8	-45	47	11	0.067	0.37	0.62
-21	470	0.11	0.72	3.7	6.2	-46	56	12	0.062	0.35	0.57
-22	560	0.12	0.64	3.5	5.7	-47	68	14	0.054	0.33	0.51
-23	680	0.14	0.62	3.3	5.1	-48	82	18	0.051	0.29	0.46
-24	820	0.18	0.60	2.9	4.7	-49	100	21	0.042	0.27	0.42
-25	1.0 mH	0.20	0.52	2.7	4.2						

TYPICAL Q CURVES (TYPE 7140/7150)



SEND YOUR REQUIREMENTS. PROMPT QUOTES.