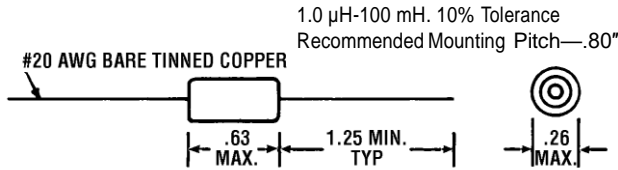




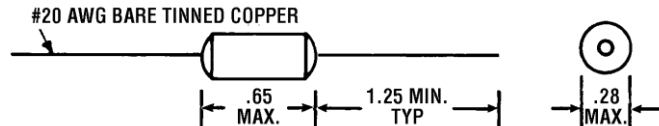
MINIATURE HIGH CURRENT CHOKES

TYPE 7070



TYPE 7080

(EPOXY ENCAPSULATED VERSION)



NOTES: (for both types)

- INDUCTANCE measured on QuadTech/GenRad 1659 RLC Digibridge at 1.0 KHz. (Value less than 10 μ H are measured at 10 KHz).
- CURRENT RATING (Rated IDC) is based on 0.25 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.

- DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS
- OPERATING TEMPERATURE RANGE: -55° to +105°C.

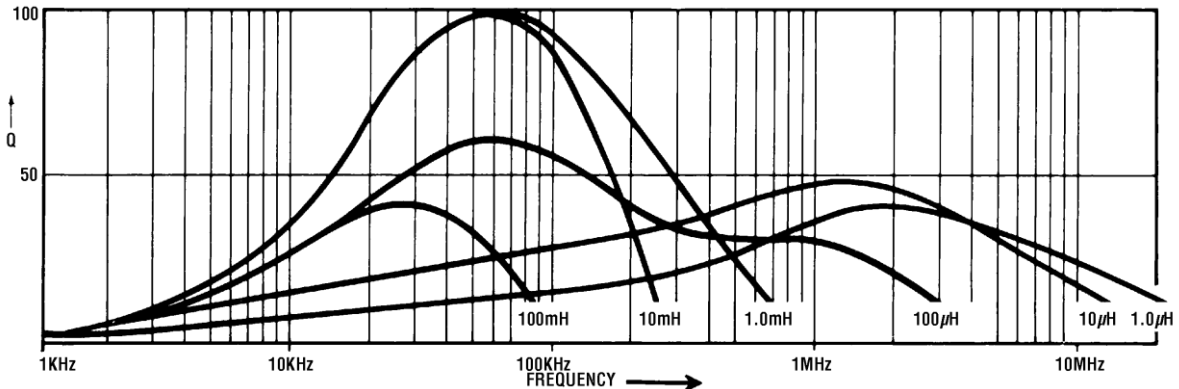
6. Materials:

Coil Form: Ferrite
Cover: TYPE 7070 - Per MIL-I-23053/5, Class 1.
Flame Retardant IAW UL 224, Class 1.
TYPE 7080 - Epoxy encapsulated.
Magnet Wire: Per FED SPEC J-W-001177/9

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

Dash No.	Nominal Inductance	Max. DCR Ohms	Min. SRF MHz	Rated IDC ma	INCR I ma	Dash No.	Nominal Inductance	Max. DCR Ohms	Min. SRF MHz	Rated IDC ma	INCR I ma
-01	1.0 μ H	.010	155	5,000	6,400	-31	330 μ H	.72	1.4	590	320
-02	1.2	.011	148	4,800	6,000	-32	390	.79	1.3	560	300
-03	1.5	.012	128	4,600	5,000	-33	470	.88	1.2	530	270
-04	1.8	.013	120	4,400	4,500	-34	560	1.2	1.1	460	250
-05	2.2	.014	108	4,200	4,100	-35	680	1.5	1.0	410	230
-06	2.7	.015	100	4,100	3,600	-36	820	1.7	.96	380	210
-07	3.3	.016	96	4,000	3,200	-37	10 mH	1.9	.88	360	190
-08	3.9	.017	90	3,800	3,000	-38	1.2	2.4	.78	320	170
-09	4.7	.022	85	3,400	2,700	-39	1.5	2.8	.64	300	150
-10	5.6	.028	76	3,000	2,500	-40	1.8	3.1	.60	280	140
-11	6.8	.031	70	2,800	2,300	-41	2.2	4.5	.54	240	120
-12	8.2	.035	51	2,700	2,000	-42	2.7	5.8	.44	210	110
-13	10	.038	35	2,600	1,900	-43	3.3	8.1	.43	180	100
-14	12	.043	21	2,400	1,700	-44	3.9	8.9	.40	170	95
-15	15	.049	14	2,300	1,500	-45	4.7	10	.38	160	86
-16	18	.054	10	2,200	1,400	-46	5.6	11	.35	150	79
-17	22	.059	8.0	2,100	1,300	-47	6.8	15	.29	130	72
-18	27	.070	6.5	1,900	1,100	-48	8.2	17	.26	120	65
-19	33	.077	6.1	1,800	1,000	-49	10	22	.24	110	59
-20	39	.084	5.7	1,700	940	-50	12	26	.23	100	54
-21	47	.093	5.1	1,600	870	-51	15	34	.19	86	48
-22	56	.12	4.3	1,500	790	-52	18	39	.17	80	44
-23	68	.13	3.6	1,400	710	-53	22	54	.16	68	40
-24	82	.16	3.2	1,300	650	-54	27	62	.15	64	36
-25	100	.24	3.0	1,000	590	-55	33	82	.12	55	32
-26	120	.32	2.7	880	540	-56	39	93	.11	52	30
-27	150	.43	2.1	760	480	-57	47	120	.096	46	27
-28	180	.48	1.7	720	440	-58	56	130	.092	44	25
-29	220	.55	1.6	670	400	-59	68	190	.088	36	23
-30	270	.62	1.5	640	360	-60	82	210	.080	35	21
						-61	100	270	.074	30	19

TYPICAL Q CURVES (TYPE 7070/7080)



SEND YOUR REQUIREMENTS. PROMPT QUOTES.