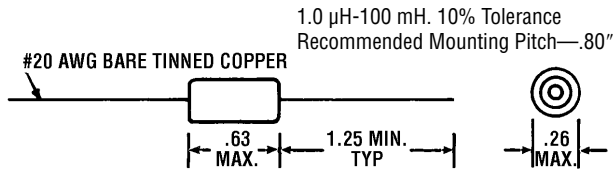
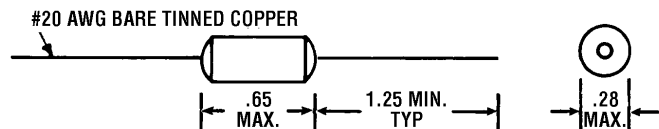


MINIATURE HIGH CURRENT CHOKES

TYPE 7070



TYPE 7080 (EPOXY ENCAPSULATED VERSION)



NOTES: (for both types)

1. INDUCTANCE measured on QuadTech/GenRad 1659 RLC Digibridge at 1.0 KHz. (Value less than 10 μH are measured at 10 KHz).
2. 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.
3. INCREMENTAL CURRENT (INCR I) is the minimum current at which the inductance will be decreased by 5% from its initial (zero-DC) value.

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

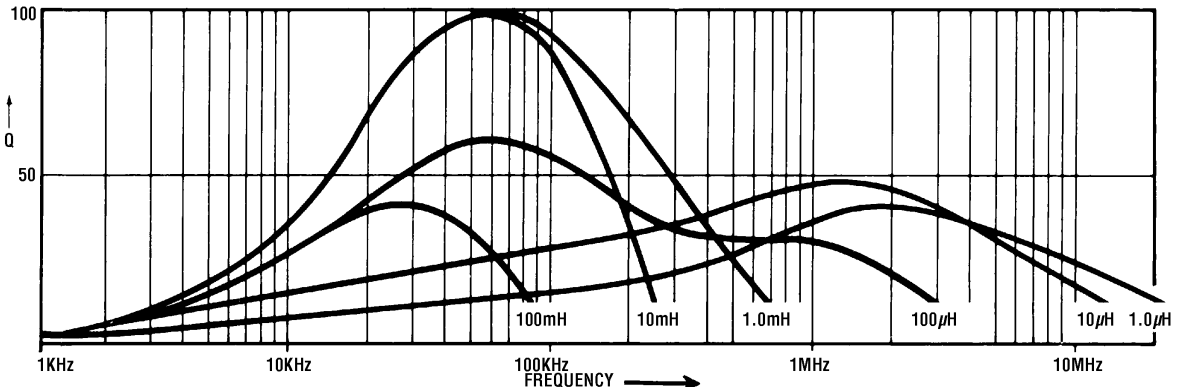
6. Materials:

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 μH	.010	155	5,000	6,400	-31	330 μH	.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.