



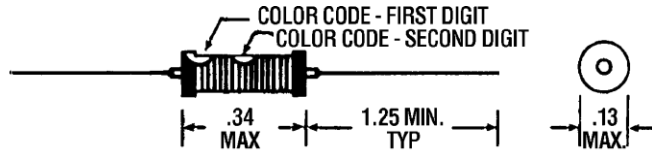
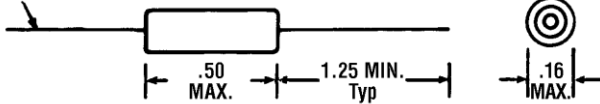
MINIATURE HIGH CURRENT CHOKES

TYPE 7130
(CONFORMALLY COATED VERSION)

TYPE 7120

10 μ H-10mH 10% Tolerance
Recommended Mounting Pitch—.60"

#24 AWG BARE TINNED COPPER (Typ)



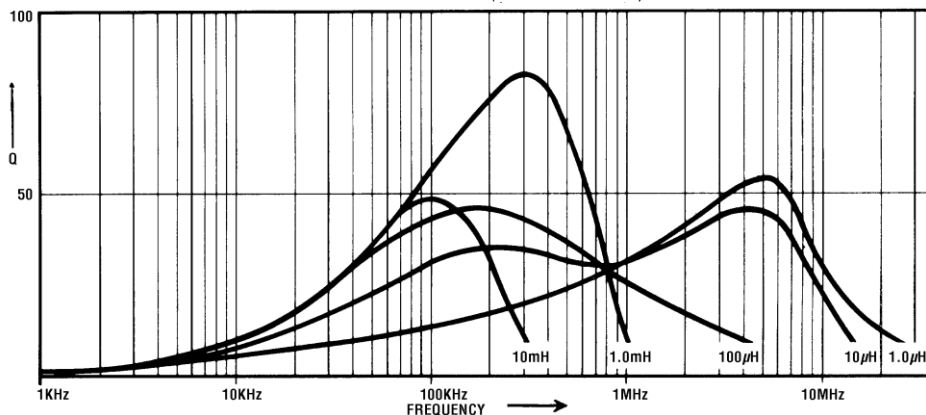
NOTES: (for both types)

- 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 0.2 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 1) 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: Type 7120-1000 VRMS
Type 7130-100 VRMS
- OPERATING TEMPERATURE RANGE: -55° to +105°C.
- MATERIALS: Coil Form: Ferrite
Cover: TYPE 7120 - Per MIL-I-23053/5, Class 1.
Flame Retardant IAW UL 224, Class 1.
TYPE 7130 - conformally coated with Polyurethane per MIL-I-46058
Magnet Wire: Per FED SPEC J-W-001177/9
- MARKING: TYPE 7120 - Printed with part number
TYPE 7130 - Color coded per dash number using standard EIA color code.

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	.018	190	3300	3000	-26	120 μ H	.90	3.6	470	270
-02	1.2	.019	170	3200	2700	-27	150	1.2	3.2	410	250
-03	1.5	.020	160	3100	2500	-28	180	1.4	2.8	380	220
-04	1.8	.023	150	2900	2100	-29	220	1.9	2.3	320	200
-05	2.2	.031	130	2600	2000	-30	270	2.1	2.1	310	180
-06	2.7	.033	120	2500	1900	-31	330	2.4	1.9	290	170
-07	3.3	.054	110	1900	1700	-32	390	3.0	1.7	260	150
-08	3.9	.060	100	1800	1500	-33	470	3.4	1.4	240	140
-09	4.7	.068	86	1700	1400	-34	560	4.7	1.3	210	130
-10	5.6	.074	64	1600	1300	-35	680	6.4	1.2	180	110
-11	6.8	.080	44	1600	1200	-36	820	7.1	1.1	170	100
-12	8.2	.087	32	1500	1100	-37	1.0 mH	7.9	1.0	160	95
-13	10	.095	25	1500	970	-38	1.2	9.0	.94	150	87
-14	12	.11	17	1400	880	-39	1.5	12	.76	130	78
-15	15	.15	13	1200	790	-40	1.8	14	.72	120	71
-16	18	.16	10	1100	710	-41	2.2	19	.64	100	64
-17	22	.19	8.4	1000	640	-42	2.7	25	.56	90	58
-18	27	.22	8.0	950	580	-43	3.3	29	.53	83	52
-19	33	.24	7.6	910	530	-44	3.9	34	.48	77	48
-20	39	.26	7.1	880	480	-45	4.7	37	.45	74	44
-21	47	.35	6.0	760	430	-46	5.6	50	.40	63	40
-22	56	.47	5.8	650	400	-47	6.8	58	.36	59	36
-23	68	.53	4.3	610	370	-48	8.2	68	.29	54	33
-24	82	.60	4.1	580	330	-49	10	75	.27	52	30
-25	100	.67	3.9	550	300						

TYPICAL Q CURVES (TYPE 7120/7130)



SEND YOUR REQUIREMENTS. PROMPT QUOTES.