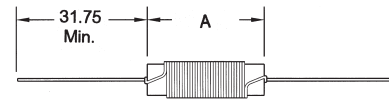


JW MILLER COMMON MODE CHOKES

FEATURES: single layer wound with excellent EMI suppression capability over wide frequency spectrum. High current capacity. VW-1 rated plastic header. Fixed pin spacing with low easy PCB insertion. **DIELECTRIC STRENGTH:** 1500Vrms. **OPERATING TEMPERATURE:** -55 to +105°C. Rated current to cause approx. 35°C temperature rise.

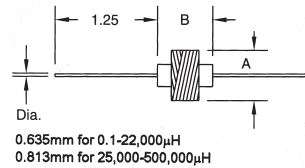
Cat. No.	L(mH) Min. @ 1KHz	IDC Max. (A)	DCR Max. Ohms	Dimensions mm					Net Price
				A	B	C	D	E	
8101-RC	4	1.7	0.173	19.3	10.8	15.2	6.4	22.9	\$7.52
8102-RC	2.5	2.4	0.090	19.3	10.8	15.2	6.4	22.9	7.52
8103-RC	1	4.8	0.022	19.3	10.8	15.2	6.4	22.9	7.52
8104-RC	10	2.4	0.170	30.5	15.2	20.3	10.2	30.5	10.53
8105-RC	7	2.8	0.120	30.5	15.2	20.3	10.2	30.5	10.53
8106-RC	5	3.7	0.070	30.5	15.2	20.3	10.2	30.5	10.53
8107-RC	2	6.6	0.022	30.5	15.2	20.3	10.2	30.5	10.53
8108-RC	1	10	0.010	30.5	15.2	20.3	10.2	30.5	10.53
8109-RC	30	2.3	0.330	34.3	20.3	22.9	15.2	36.8	16.54
8110-RC	20	2.9	0.210	34.3	20.3	22.9	15.2	36.8	16.54
8111-RC	12	4	0.110	34.3	20.3	22.9	15.2	36.8	16.54
8112-RC	8	5.6	0.055	34.3	20.3	22.9	15.2	36.8	16.54
8113-RC	5	8.9	0.022	36.8	20.3	22.9	15.2	38.1	16.54
8114-RC	2.5	12.5	0.011	36.8	20.3	22.9	15.2	38.1	16.54
8115-RC	1.2	16	0.006	38.1	20.3	22.9	15.2	38.9	16.54
8116-RC	50	2.3	0.450	39.4	20.3	22.9	15.2	41.9	21.06
8117-RC	36	2.9	0.300	39.4	20.3	22.9	15.2	41.9	21.06
8118-RC	7.3	9.3	0.032	41.9	20.3	22.9	15.2	41.9	21.06
8119-RC	4	14.5	0.012	43.2	22.9	30.5	17.8	41.9	21.06
8120-RC	2.4	17	0.008	43.2	22.9	30.5	17.8	41.9	21.06
8121-RC	1	20	0.007	43.2	22.9	30.5	17.8	41.9	21.06



JW MILLER VARNISHED HASH CHOKES

FEATURES: Low cost, low DCR and high current capacity. Ideal for use as EMI filter, output choke, and smoothing coil. **OPERATING TEMPERATURE:** -55 to 105°C. Rated current to cause approx. 35°C. temperature rise.

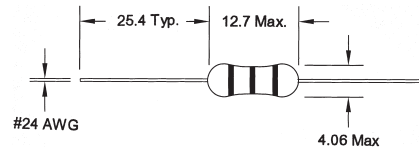
Cat. No.	L (μH) Min. @ 1KHz	IDC Max. (A)	DCR Max. Ohms	Max dia. (mm)	A (mm)	Net Price
5230-RC	4	8	0.012	9.7	22.2	\$1.81
5240-RC	40	3	0.082	7.9	31.8	1.81
5248-RC	68	5	0.054	14.2	31.8	2.41
5250-RC	100	2	0.216	9.7	31.8	2.41
5254-RC	250	2.5	0.17	11.2	31.8	2.41
5256-RC	500	2	0.26	14.2	31.8	2.41
5258-RC	1000	1	0.55	12.7	31.8	2.48



JW MILLER VARNISHED RF COILED CHOKES

FEATURES: High Q & SRF. High voltage application. Universal wound. Varnish coated. **OPERATING TEMPERATURE:** -55 to +105°C for iron, -55 to +125°C for phenolic.

Cat. No.	L (μH) Min. @ 1KHz	Q Min.	Test Freq. (MHz)	DCR Max. Ohms	IDC Max. (mA)	A (mm)	B (mm)	Net Price
70F103AI-RC	1000	30	0.79	24	79	5.6	6.4	\$1.32
70F223AI-RC	2200	40	0.25	45.6	57	6.1	6.4	1.36
70F473AI-RC	4700	49	0.25	64.8	48	7.1	9.7	1.47
70F102AI-RC	10000	41	0.25	101	38	8.4	9.7	1.40
70F101AF-RC	100000	48	0.079	278	29	11.2	16.0	2.35



JW MILLER CONFORMAL COATED RF CHOKES

FEATURES: High current and SRF. Low DCR. Ferrite bobbin core. Epoxy coated to protect winding from harsh environments. **DIELECTRIC STRENGTH:** 500Vrms. **OPERATING TEMPERATURE:** -55 to +105°C. Current to cause 35°C maximum temperature rise. **TEST FREQUENCY:** 1KHz, except 1.0-8.2μH @ 7.96MHz. Saturation current to cause 5% max. inductance drop.

Cat. No.	L (μH)	SRF (MHz) Min	DCR Max. Ohms	I SAT (mA)	Rated Current (mA)	Net Price
5300-01-RC	1	190	0.018	3000	3300	\$1.29
5300-13-RC	10	25	0.095	970	1500	1.21
5300-17-RC	22	8.4	0.19	640	1000	1.21
5300-18-RC	27	8	0.22	580	950	1.21
5300-25-RC	100	3.9	0.67	300	550	1.25
5300-33-RC	470	1.4	3.4	140	240	1.29

Hammond Reactors/Filter Chokes

DIMENSIONS

Cat. No.	Dimensions				
	A	B	C	D	E
158M	3.25	2.00	2.00	2.81	—
158Q	3.25	2.00	2.00	2.81	—
158S	3.25	2.00	2.00	2.81	—
158T	3.25	2.00	2.00	2.81	—
159M	4.03	2.25	2.63	3.56	—
159P	4.03	2.25	2.63	3.56	—
159Q	4.03	2.25	2.63	3.56	—
159S	4.03	2.25	2.63	3.56	—
159T	4.03	2.25	2.63	3.56	—
159V	4.03	2.25	2.63	3.56	—
159Y	4.03	2.25	2.63	3.56	—
154B	2.06	1.25	1.19	1.75	—
155B	2.38	1.38	1.38	2.00	—
156B	2.81	1.50	1.69	2.38	—
157D	3.25	1.75	2.00	2.81	—
159ZA	4.03	2.25	2.63	3.56	—
159ZC	4.03	2.25	2.63	3.56	—
159ZE	4.03	2.25	2.63	3.56	—
159ZG	4.03	2.25	2.63	3.56	—
159ZJ	4.03	2.25	2.63	3.56	—
159ZL	4.03	2.25	2.63	3.56	—
193B	2.50	2.75	3.06	2.00	1.69
193C	2.50	3.25	3.06	2.00	2.19
193D	2.50	3.25	3.06	2.00	2.19
193G	3.13	3.25	3.81	2.50	1.94
193H	2.50	2.75	3.06	2.00	1.69
193J	3.13	3.75	3.81	2.50	2.44
193K	2.50	3.25	3.06	2.00	2.19
193L	3.13	3.75	3.81	2.50	2.44
193M	3.75	4.50	4.56	3.00	3.31
193N	3.13	3.75	3.81	2.50	2.44
193P	3.75	4.50	4.56	3.00	3.31
193Q	3.75	5.50	4.56	3.00	4.31
193R	3.13	3.50	3.81	2.50	2.19
193S	3.75	4.00	4.56	3.00	2.81
193T	2.50	2.75	3.06	2.00	1.69
193U	3.13	4.25	3.81	2.50	2.94
193V	3.75	4.50	4.56	3.00	3.31

150/190 SERIES FILTER CHOKES

Cat. No.	Induc. Henrys	D.C. Current Ma.	Resist. Ohms	Max. Op. Volts D.C.	Wt. Lb.	Net Price
OPEN BRACKET						
153E	7.0	25	770	300	.10	\$29.29
153H	2.2	50	305	300	.10	19.42
153L	0.9	75	125	300	.10	28.84
153M	0.6	100	86	300	.10	28.56
154E	20	20	1666	300	.25	13.71
154G	9	40	700	300	.25	13.09
154H	4	50	300	300	.25	13.04
154M	2	100	175	300	.25	12.45
155C	60	8	2750	400	.30	14.65
155G	7	40	340	400	.30	14.87
155H	5	50	270	400	.30	15.16
155J	15	30	1026	400	.30	15.64
156C	150	8	3700	400	.50	15.96
156G	9	40	300	400	.50	14.65
156L	5	75	135	400	.50	15.16
156M	3	100	86	400	.50	14.96
156R	1.5	200	56	400	.50	15.11
157G	30	40	595	400	1.0	28.27
157J	10	65	205	400	1.0	27.13
157L	14	75	429	400	1.0	28.09
157M	8	100	259	400	1.0	27.64
157Q	3.5	150	98	400	1.0	26.95
157R	2	200	57	400	1.0	26.76
158L	15	75	411	400	1.25	24.68
158M	10	100	262	400	1.25	24.47
158Q	5	150	105	400	1.25	24.78
158S	1.5	250	60	400	1.50	24.20
158T	1.0	300	40	400	1.50	23.55
159M	15	100	256	500	2.25	31.42
159P	10	125	155	500	2.25	31.42
159Q	7	150	100	500	2.25	31.05
159S	4	225	65	500	2.25	30.55
159T	2.5	300	43	500	2.25	30.60
159V	1.5	500	27	500	2.25	30.85
159Y	0.6	750	11	500	2.25	30.85

HIGH CURRENT BRACKET MOUNTED CHOKES

154B	3mH	1.5Amp	0.14	300	.25	12.25
155B	6mH	2Amp	0.3	400	.30	13.18
156B	1.5mH	5Amp	0.07	400	.50	15.31
157D	1mH	10Amp	0.038	400	1.0	19.38
159ZA	300mH	1Amp	6.0	500	2.50	30.27
159ZC	60mH	2Amp	0.7	500	2.50	30.35
159ZE	28mH	3Amp	0.43	500	2.75	30.18

150/190 SERIES FILTER CHOKES

Cat. No.	Induc. Henrys	D.C. Current Ma.	Resist. Ohms	Max. Op. Volts D.C.	Wt. Lb.	Net Price
HIGH CURRENT BRACKET MOUNTED CHOKES (CONTINUED)						
159ZG	15 mH	4 Amp	0.25	500	2.75	\$29.93
159ZJ	10 mH	5 Amp	0.16	500	2.75	29.85
159ZL	2.5 mH	10 Amp	0.044	500	2.75	30.40
SHIELDED TYPE X MOUNTING						
193B	12	100	155	600	2.5	36.56
193C	20	100	181	600	3.25	44.20
193D	8	150	75	600	3.25	44.16
193G	10	150	102	800	4.25	65.09
193H	5	200	65	600	2.5	36.58
193J	10	200	82	800	5.5	60.93
193K	2.6	300	21	800	3.25	53.05
193L	5	300	57	800	5.5	45.31
193M	10	300	63	800	10.5	74.49
193N	3	500	35	600	5.0	61.91
193P	5	500	26	800	10.75	106.13
193Q	10	500	53	1000	21.0	99.11
193R	.3	1000	3.5	1000	4.5	63.78
193S	1.0	1000	5.75	1000	8.0	85.25
193T	.05	2000	0.7	300	2.5	35.42
193U	.2	2000	1.7	300	6.0	59.33
193V	.15	3000	1.0	300	9.0	74.33



**1537 SERIES
HIGH CURRENT CHOKES**
FROM 10 uH TO 100 uH: 1.25 TO 20 AMPS

FEATURES:

- Ideally suited for power supply filtering.
- Large ferrite core extends saturation point.
- 1.5" long leads (+/-0.1")
- Core provides optimum frequency range of .01-2 Mhz.
- Coils covered with vinyl shrink sleeve.

Cat. No.	Inductance uH ±5%	Min. Q	D.C. Res. Ohms	Current Rating Amps	Outside Coil Dia. Inches	Lead Dia. Gauge	Net Price
1 KHz TEST FREQUENCY							
1537E	10	4.5	.006	20.0	.63	14	\$5.49
1537F	20	6.5	.013	12.5	.60	16	5.05
1537G	30	5.3	.024	8.0	.58	18	5.09
1537H	40	5.2	.039	5.0	.57	20	4.98
1537J	50	3.4	.064	3.2	.56	20	4.95
1537K	75	3.2	.128	2.0	.54	20	4.95
1537L	100	10.5	.050	8.0	.71	18	5.13
1537M	250	12.0	.114	5.0	.69	18	5.40
1537N	500	11.6	.260	3.2	.65	20	5.13
1537P	750	10.0	.465	2.0	.61	20	5.13
1537R	1000	7.4	.830	1.25	.59	20	10.00



**1536 SERIES
HEAVY DUTY HASH CHOKES**

FEATURES:

- 3.35 to 1000 uH: 1 to 20 Amps.
- Moulded powdered iron form.
- High inductance and high current.
- 1.25" long leads (+/-0.1")

Cat. No.	uH ±20%	Ohms	Freq. MHz.	Amps	Size		Net Price
					Dia.	Lgth.	
HEAVY DUTY HASH CHOKES							
1536D	3.35	0.010	45	20	0.53	1.31	\$7.33
1536E	4.9	0.016	42	15	0.50	1.25	7.24
1536F	8.8	0.021	28	10	0.50	1.25	7.22
1536L	4.0	0.012	24.3	8	0.31	0.91	3.95
1536P	40.0	0.082	10.4	3	0.31	1.25	4.16
1536S	68.0	0.054	5.7	5	0.53	1.25	3.91
1536T	100.0	0.216	4.1	2	0.31	1.25	3.78
1536TA*	100.0	0.55	—	1	0.80	1.10	16.91
1536W	125.0	0.08	2.65	3.5	0.50	1.25	4.31
1536X	250.0	0.17	1.5	2.5	0.43	1.25	3.95
1536Y	500.0	0.26	1.17	2.0	0.56	1.25	4.04
1536Z	1000.0	0.55	—	1.0	0.50	1.03	4.05

*Dual choke—all measurements are per section.