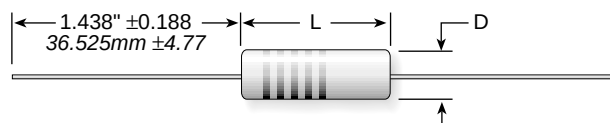


H & J Series

R. F. Molded Chokes



(Color coded in accordance with MIL-C-15305)

Series	Construction	Inductance	Style	Grade/ Class	Max. oper. temp.	Max temp. rise	Ambient temp.	Dielectric withstanding voltage (sea level)	(reduced pressure)	Terminal pull	Altitude	Dimensions (in. / mm) Length	Diameter	AWG
HM	Phenolic Powd. iron Ferrite	0.10–0.47 μ H	LT4	1/B	125°C	35°C	90°C	1000VRMS	200VRMS	3 lbs.	70,000 ft.	0.200 $\pm$ 0.010	0.078 $\pm$ 0.008	26
		0.56–100 μ H	LT10	1/A	105°C	15°C	"	"	"	"	"	5.08 $\pm$ 0.25	1.98 $\pm$ 0.20	
		120–270 μ H	LT10	1/A	105°C	15°C	"	"	"	"	"			
JM	Phenolic Powd. iron Ferrite	0.10–1.0 μ H	LT4	1/B	125°C	35°C	90°C	1000VRMS	300VRMS	5 lbs.	70,000 ft.	0.250 $\pm$ 0.010	0.095 $\pm$ 0.010	24
		1.2–27 μ H	LT10	1/A	105°C	15°C	"	"	200VRMS	"	"	6.350 $\pm$ 0.25	2.413 $m \pm$ 0.25	
		33–1000 μ H	LT10	1/A	105°C	15°C	"	"	200VRMS	"	"			

STOCK PART NUMBERS

Part number	Inductance** (μ H)	Q min.	Test frequency (L & Q, MHz)	SRF min. (MHz)	DCR max. (Ω)	Rated DC current (mA)	Part number	MS part designation*	Inductance** (μ H)	Q min.	Test frequency (L & Q, MHz)	SRF min. (MHz)	DCR max. (Ω)	Rated DC cur- rent (mA)	Part number	MS part des- ignation*	Inductance** (μ H)	Q min.	Test frequency (L & Q, MHz)	SRF min. (MHz)	DCR max. (Ω)	Rated DC cur- rent (mA)
HM100K	0.10	35	25	680	.13	895	7508								7508							
HM120K	0.12	35	25	650	.15	835	JM100K	–3–1	0.10	40	25	680	0.08	1350	JM102K	–4–12	10.	55	7.9	50	3.70	130
HM150K	0.15	35	25	560	.18	760	JM110J		0.11	40	25	660	0.085	1309	JM112J		11.	45	2.5	45	2.60	156
HM180K	0.18	35	25	540	.21	705	JM120K	–3–2	0.12	40	25	640	0.09	1270	JM122K	–4–13	12.	45	2.5	40	2.70	155
HM220K	0.22	30	25	500	.25	645	JM130J		0.13	38	25	625	0.095	1239	JM132J		13.	45	2.5	38	2.80	150
HM270K	0.27	30	25	440	.38	525	JM150K	–3–3	0.15	38	25	600	0.10	1200	JM152K	–4–14	15.	45	2.5	35	2.80	150
HM330K	0.33	25	25	410	.49	460	JM160J		0.16	35	25	580	0.11	1151	JM162J		16.	45	2.5	33	2.90	147
HM390K	0.39	25	25	380	.59	420	JM180K	–3–4	0.18	35	25	550	0.12	1105	JM182K	–4–15	18.	50	2.5	30	3.10	145
HM470K	0.47	25	25	340	.62	410	JM200J		0.20	33	25	530	0.13	1059	JM202J		20.	50	2.5	27.5	3.20	142
HM560K	0.56	40	25	250	.18	510	JM220K	–3–5	0.22	33	25	510	0.14	1025	JM222K	–4–16	22.	50	2.5	25	3.30	140
HM680K	0.68	40	25	215	.20	485	JM240J		0.24	33	25	475	0.15	986	JM242J		24.	50	2.5	23	3.40	137
HM820K	0.82	40	25	200	.22	465	JM270K	–3–6	0.27	33	25	430	0.16	960	JM272K	–4–17	27.	50	2.5	20	3.50	135
HM101K	1.00	40	25	190	.25	435	JM300J		0.30	30	25	420	0.19	876	JM302J		30.	45	2.5	22	3.30	132
HM121K	1.2	35	7.9	170	.28	410	JM330K	–3–7	0.33	30	25	410	0.22	815	JM332K	–5–1	33.	45	2.5	24	3.40	130
HM151K	1.5	40	7.9	150	.49	310	JM360J		0.36	30	25	385	0.26	749	JM362J		36.	45	2.5	23	3.50	127
HM181K	1.8	40	7.9	135	.56	290	JM390K	–3–8	0.39	30	25	365	0.30	700	JM392K	–5–2	39.	45	2.5	22	3.60	125
HM221K	2.2	45	7.9	130	.72	257	JM430J		0.43	30	25	345	0.325	670	JM432J		43.	45	2.5	21	4.10	116
HM271K	2.7	45	7.9	110	.85	236	JM470K	–3–9	0.47	30	25	330	0.35	650	JM472K	–5–3	47.	45	2.5	20	4.50	110
HM331K	3.3	45	7.9	100	1.2	198	JM510J		0.51	30	25	310	0.42	589	JM512J		51.	45	2.5	19	5.00	105
HM391K	3.9	50	7.9	95	1.5	178	JM560K	–3–10	0.56	30	25	300	0.50	545	JM562K	–5–4	56.	45	2.5	18	5.70	100
HM471K	4.7	55	7.9	88	2.1	150	JM620J		0.62	28	25	290	0.55	515	JM622J		62.	50	2.5	16.5	6.20	94
HM561K	5.6	55	7.9	78	2.8	130	JM680K	–3–11	0.68	28	25	275	0.60	495	JM682K	–5–5	68.	50	2.5	15	6.70	92
HM681K	6.8	55	7.9	69	3.2	122	JM750J		0.75	28	25	265	0.71	453	JM752J		75.	50	2.5	14.5	7.0	89
HM821K	8.2	45	7.9	52	4.4	104	JM820K	–3–12	0.82	28	25	250	0.85	415	JM822K	–5–6	82.	50	2.5	14	7.3	88
HM102K	10.0	45	7.9	47	5.2	95	JM910J		0.91	25	25	240	0.925	397	JM912J		91.	50	2.5	13.5	7.7	85
HM122K	12.0	40	2.5	31	3.0	126	JM101K	–3–13	1.00	25	25	230	1.00	385	JM103K	–5–7	100.	50	2.5	13	8.0	84
HM152K	15.0	40	2.5	26	3.4	118	JM111J		1.1	25	7.9	165	0.17	607	JM113J		110.	30	0.79	12.5	11.0	71
HM182K	18.0	40	2.5	23	3.8	112	JM121K	–4–1	1.2	25	7.9	150	0.18	590	JM123K	–5–8	120.	30	0.79	12	13	66
HM222K	22.	45	2.5	20	4.3	105	JM131J		1.3	28	7.9	145	0.20	560	JM133J		130.	30	0.79	11.5	14	63
HM272K	27.	45	2.5	17	4.7	100	JM151K	–4–2	1.5	28	7.9	140	0.22	535	JM153K	–5–9	150.	30	0.79	11	15	61
HM332K	33.	45	2.5	15	5.2	95	JM161J		1.6	30	7.9	135	0.25	501	JM163J		160.	30	0.79	10.5	16	59
HM392K	39.	45	2.5	13.5	6.8	83.5	JM181K	–4–3	1.8	30	7.9	125	0.30	455	JM183K	–5–10	180.	30	0.79	10	17	57
HM472K	47.	45	2.5	12.5	8.2	76	JM201J		2.0	30	7.9	120	0.35	425	JM203J		200.	30	0.79	9.5	19	54
HM562K	56.	45	2.5	11.5	10.0	69	JM221K	–4–4	2.2	30	7.9	115	0.40	395	JM223K	–5–11	220.	30	0.79	9	21	52
HM682K	68.	45	2.5	10.5	11.5	64	JM241J		2.4	37	7.9	109	0.46	380	JM243J		240.	30	0.79	8.5	23	49
HM822K	82.	45	2.5	10.0	16.0	54.5	JM271K	–4–5	2.7	37	7.9	100	0.55	355	JM273K	–5–12	270.	30	0.79	8	25	47
HM103K	100.	45	2.5	9.5	17.5	52	JM301J		3.0	45	7.9	95	0.70	299	JM303J		300.	30	0.79	7.5	27	46
HM123K	120.	35	.79	8.9	16.0	54.5	JM331K	–4–6	3.3	45	7.9	90	0.85	270	JM333K	–5–13	330.	30	0.79	7	28	45
HM153K	150.	35	.79	7.9	18.0	51	JM361J		3.6	45	7.9	85	0.925	260	JM363J		360.	30	0.79	6.75	32	41
HM183K	180.	35	.79	7.5	20.0	49	JM391K	–4–7	3.9	45	7.9	80	1.00	250	JM393K	–5–14	390.	30	0.79	6.5	35	40
HM223K	220.	35	.79	7.1	26.5	42.5	JM431J		4.3	45	7.9	77	1.10	240	JM433J		430.	30	0.79	6.25	39	37
HM273K	270	35	.79	6.6	30.5	39	JM471K	–4–8	4.7	45	7.9	75	1.20	230	JM473K	–1–15	470.	30	0.79	6	42	36
							JM511J		5.1	50	7.9	69	1.47	216	JM513J		510.	30	0.79	5.5	44	35
							JM561K	–4–9	5.6	50	7.9	65	1.80	185	JM563K	–5–16	560.	30	0.79	5	46	35
							JM621J		6.2	50	7.9	62	1.90	180	JM623J		620.	30	0.79	4.6	53	32
							JM681K	–4–10	6.8	50	7.9	60	2.0	180	JM683K	–5–17	680.	30	0.79	4	60	30
							JM751J		7.5	50	7.9	57	2.35	165	JM753J		750.	30	0.79	4	63	29
							JM821K	–4–11	8.2	55	7.9	55	2.70	155	JM823K	–5–18	820.	30	0.79	3.8	65	29
							JM911J		9.1	55	7.9	52	3.00	145	JM913J		910.	30	0.79	3.6	69	28
															JM104K	–5–19	1000.	30	0.79	3.4	72	28

* For example, the MS designation for JM100K is 75083-1

** Letter suffix on part number denotes tolerance: J=5%, K=10%