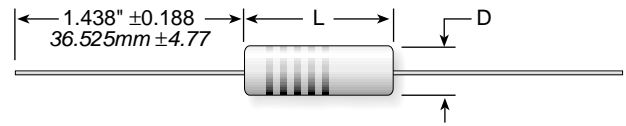


**This product has been  
DISCONTINUED**

# 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. (sea level)	Dielectric withstanding voltage (reduced pressure)	Terminal pull	Altitude	Dimensions (in. / mm) Length Diameter	AWG		
HM	Phenolic	0.10–0.47 $\mu$ 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
	Powd. iron	0.56–100 $\mu$ H	LT10	1/A	105°C	15°C	"	"	"	"	"	5.08 $\pm$ 0.25	1.98 $\pm$ 0.20	
	Ferrite	120–270 $\mu$ H	LT10	1/A	105°C	15°C	"	"	"	"	"			
JM	Phenolic	0.10–1.0 $\mu$ 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
	Powd. iron	1.2–27 $\mu$ H	LT10	1/A	105°C	15°C	"	"	200VRMS	"	"	6.350 $\pm$ 0.25	2.413 $m \pm$ 0.25	
	Ferrite	33–1000 $\mu$ H	LT10	1/A	105°C	15°C	"	"	200VRMS	"	"			

## STOCK PART NUMBERS

Part number	Inductance** ( $\mu$ H)	Q min.	Test frequency (L & Q, MHz)	SRF min. (MHz)	DCR max. ( $\Omega$ )	Rated DC current (mA)	Part number	MS part designation*	Inductance** ( $\mu$ H)	Q min.	Test frequency (L & Q, MHz)	SRF min. (MHz)	DCR max. ( $\Omega$ )	Rated DC current (mA)	Part number	MS part designation*	Inductance** ( $\mu$ H)	Q min.	Test frequency (L & Q, MHz)	SRF min. (MHz)	DCR max. ( $\Omega$ )	Rated DC current (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%