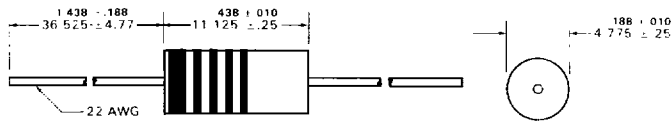


R Series

R. F. Molded Chokes

RM150M	MS75008-21	0.15 ±20%	55	25.0	510	0.030	3000
RM220M	MS75008-22	0.22 ±20%	50	25.0	415	0.035	2800
RM330M	MS75008-23	0.33 ±20%	50	25.0	350	0.065	2000
RM470M	MS75008-24	0.47 ±20%	50	25.0	300	0.085	1700
RM560K	MS75008-25	0.56 ±10%	50	25.0	270	0.125	1450
RM880K	MS75008-26	0.68 ±10%	45	25.0	250	0.150	1300
RM820K	MS75008-27	0.82 ±10%	40	25.0	210	0.205	1100
RM101K	MS75008-28	1.00 ±10%	40	25.0	200	0.290	930
RM121K	MS75008-29	1.20 ±10%	30	7.9	180	0.400	785
RM151K	MS75008-30	1.50 ±10%	30	7.9	170	0.485	700
RM161K	MS75008-31	1.60 ±10%	30	7.9	150	0.740	580
RM221K	MS75008-32	2.20 ±10%	30	7.9	140	0.970	505
RM271K	MS75008-33	2.70 ±10%	30	7.9	120	1.20	460
RM331K	MS75101-1	3.30 ±10%	30	7.9	70	0.140	990
RM391K	MS75101-2	3.90 ±10%	30	7.9	65	0.155	870
RM471K	MS75101-3	4.70 ±10%	30	7.9	60	0.210	745
RM561K	MS75101-4	5.60 ±10%	30	7.9	50	0.280	645
RM681K	MS75101-5	6.80 ±10%	30	7.9	50	0.375	560
RM821K	MS75101-6	8.20 ±10%	30	7.9	48	0.440	540
RM102K	MS75101-7	10.00 ±10%	30	7.9	42	0.605	440
RM122K	MS75101-8	12.00 ±10%	50	2.5	36	1.05	370
RM152K	MS75101-9	15.00 ±10%	55	2.5	30	1.20	310
RM182K	MS75101-10	18.00 ±10%	60	2.5	30	1.95	255
RM222K	MS75101-11	22.00 ±10%	60	2.5	24	2.20	240
RM272K	MS75101-12	27.00 ±10%	65	2.5	22	2.75	205



Ratings	Phenolic	Powdered Iron
Style	LT4	LT10
Grade	1	1
Class	B	A
Max. Operating Temperature	125°C	105°C
Max. Temperature Rise	35°C	15°C
Ambient Temperature	90°C	90°C
Dielectric Withstanding Voltage (sea level)	1000VRMS	1000VRMS
(reduced barometric pressure)	200VRMS	200VRMS
Terminal Pull	5 lbs.	5 lbs.
Altitude	70,000 ft.	70,000 ft.
	15-2.7 µH Phen.	3.3-27 µH P. I.

Color coded in accordance with MIL-C-15305. Letter suffix on part number denotes tolerance. Other tolerances available.

Z Series

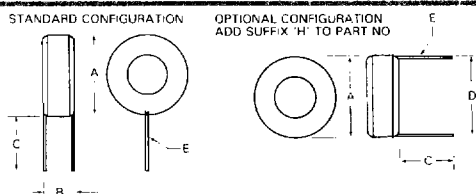
R. F. Plate Chokes

Z-7	84.0	1.00	4.70	3-.20	13	5/16	6
Z-14	44.0	0.68	2.60	7-.35	23	7/16	2
Z-28	21.0	0.60	2.70	20-.60	41	5/16	1.34
Z-50	7.0	1.00	0.98	35-116	79	5/32	1
Z-144	1.9	1.10	0.33	80-200	168	3/16	3.4
Z-235	0.84	1.70	0.14	160-350	300	3/16	3.4
Z-460	0.20	4.00	0.034	320-520	500	5/32	1.2

Ohmite radio frequency plate chokes have a single-layer winding designed to avoid adverse harmonic effects and prevents breakdown from high r.f. potentials. Windings are insulated and protected by a moisture-proof coating.

- Z-7 type furnished with non-magnetic mounting bracket.
- Z-14, Z-28 type have wire leads welded to lug type terminals.
- Z-50, Z-144, Z-235, Z-460 type have axial wire leads.

It is generally advisable to select a choke with a resonant frequency (see charts) slightly higher than the desired operating frequency since any additional capacity to ground will tend to shift the resonant frequency closer to the operating frequency



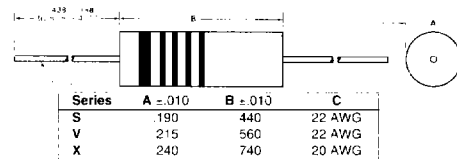
S, V, and X Series R. F. Molded Chokes

SM273J	MS90539-1	270	65	79	5.6	8.2	110
SM303J	MS90539-2	300	65	79	5.3	8.7	107
SM333J	MS90539-3	330	65	79	5.0	9.1	105
SM363J	MS90539-4	360	65	79	4.7	9.6	102
SM393J	MS90539-5	390	65	79	4.5	10.0	100
SM433J	MS90539-6	430	65	79	4.3	10.6	97
SM473J	MS90539-7	470	65	79	4.0	11.1	95
SM513J	MS90539-8	510	65	79	3.8	11.6	93
SM553J	MS90539-9	560	65	79	3.5	12.3	91
SM623J	MS90539-10	620	60	79	3.5	13.0	88
SM683J	MS90539-11	680	60	79	3.4	13.7	85
SM753J	MS90539-12	750	60	79	3.3	14.4	83
SM813J	MS90539-13	820	60	79	3.1	15.1	81
SM913J	MS90539-14	910	60	79	2.9	15.8	79
SM104J	MS90539-15	1000	60	79	2.8	16.5	78
VM114J	MS90540-1	1100	60	25	2.8	21.0	78
VM124J	MS90540-2	1200	60	25	2.7	22.0	76
VM134J	MS90540-3	1300	60	25	2.6	23.0	75
VM154J	MS90540-4	1500	65	25	2.4	25.0	72
VM164J	MS90540-5	1600	65	25	2.3	26.0	70
VM184J	MS90540-6	1800	65	25	2.2	28.0	68
VM204J	MS90540-7	2000	65	25	2.1	29.0	67
VM224J	MS90540-8	2200	70	25	2.0	30.0	66
VM244J	MS90540-9	2400	70	25	1.9	31.0	64
VM274J	MS90540-10	2700	70	25	1.8	33.0	62
VM304J	MS90540-11	3000	70	25	1.7	35.0	61
VM334J	MS90540-12	3300	70	25	1.6	36.0	58
VM364J	MS90540-13	3600	70	25	1.5	40.0	57
XM394J	MS90541-1	3900	80	25	1.45	44.0	61
XM434J	MS90541-2	4300	80	25	1.40	46.0	59
XM474J	MS90541-3	4700	80	25	1.35	48.0	56
XM504J	MS90541-4	5000	80	25	1.30	50.0	57
XM564J	MS90541-5	5600	80	25	1.25	53.0	56
XM624J	MS90541-6	6200	80	25	1.20	56.0	54
XM684J	MS90541-7	6800	80	25	1.15	59.0	52
XM754J	MS90541-8	7500	80	25	1.10	62.0	51
XM824J	MS90541-9	8200	80	25	1.05	65.0	50
XM914J	MS90541-10	9100	80	25	1.00	68.0	49
XM105J	MS90541-11	10000	80	25	.95	72.0	47

Ratings

Style	LT10
Grade	1
Class	A
Max. Operating Temperature	105°C
Max. Temperature Rise	15°C
Ambient Temperature	90°C
Dielectric Withstanding Voltage (sea level)	700VRMS
(reduced barometric pressure)	180VRMS
Terminal Pull	5 lbs.
Operating Temperature	55 to 105°C
Altitude	70,000 ft.

Color coded in accordance with MIL-C-15305. Letter suffix on part number denotes tolerance.



Toroidal Chokes

E0AT1002V or H*	10	3.0	.010	0.62	.25	50	0.56	.036
L1AT1002V or H*	10	6.0	0.15	0.82	.32	50	0.72	.046
E0AT2502V or H	25	2.0	0.20	0.62	.25	50	0.56	.032
L1AT2502V or H	25	4.0	0.25	0.82	.32	50	0.75	.040
E9AT2502V or H	25	6.0	0.20	1.10	.37	50	1.02	.051
T4AT2502V or H	25	10.0	0.15	1.30	.56	75	1.20	.064
E0AT5002V or H	50	1.5	0.30	0.62	.25	50	0.56	.028
L1AT5002V or H	50	3.0	0.35	0.82	.32	50	0.75	.036
E9AT5002V or H	50	4.5	0.30	1.10	.40	50	1.02	.046
T4AT5002V or H	50	7.0	0.20	1.30	.55	75	1.15	.057
E0AT7502V or H	75	1.0	0.45	0.62	.25	50	0.56	.025
L1AT7502V or H	75	2.5	0.50	0.82	.32	50	0.75	.032
E9AT7502V or H	75	4.0	0.35	1.10	.40	50	1.02	.040
T4AT7502V or H	75	6.0	0.25	1.30	.55	75	1.20	.051
E0AT1003V or H	100	1.0	0.55	0.62	.25	50	0.56	.025
L1AT1003V or H	100	2.0	0.70	0.82	.32	50	0.72	.028
E9AT1003V or H	100	3.0	0.50	1.10	.40	50	1.02	.036
T4AT1003V or H	100	5.0	0.30	1.30	.56	75	1.20	.051
L1AT2503V or H	250	1.5	1.56	0.85	.35	50	0.75	.023
E9AT2503V or H	250	2.0	0.90	1.15	.40	50	1.02	.032
T4AT2503V or H	250	3.0	0.70	1.25	.56	75	1.20	.040
E9AT5003V or H	500	1.5	1.80	1.15	.40	50	1.05	.028
T4AT5003V or H	500	2.0	1.30	1.30	.56	75	1.20	.032
E9AT7503V or H	750	1.0	2.50	1.15	.40	50	1.05	.025
T4AT7503V or H	750	2.0	1.70	1.30	.60	75	1.25	.032
T4AT1004V or H	1000	1.5	2.20	1.30	.60	75	1.20	.028

* V = Standard configuration, H = Horizontal configuration
** Current that will cause a maximum 15% drop in inductance