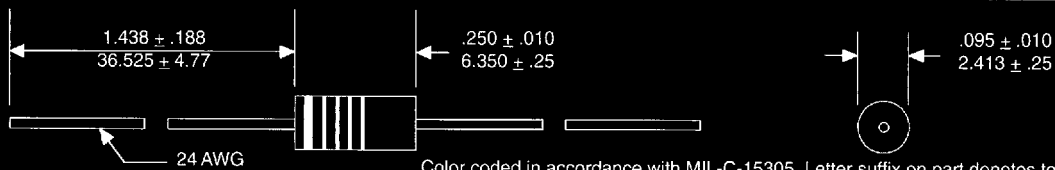


# GOWANDA

## R.F. MOLDED CHOKES

- Style – Phenolic: LT 4, Grade 1, Class B  
Powdered Iron & Ferrite: LT 10, Grade 1, Class A
- Maximum Operating Temp. – Phenolic: -55° to +125°C  
Powdered Iron & Ferrite: -55° to +105°C
- Maximum Temperature Rise- Phenolic: 35°C  
Powdered Iron & Ferrite: 15°C
- Ambient Temperature: 90°C
- Dielectric Withstanding Voltage (sea level): 1000 VRMS  
(reduced barometric pressure): 300 VRMS Phenolic;  
200 VRMS Powdered Iron & Ferrite
- Terminal Pull: 5 pounds
- Altitude: 70,000 feet
- Phenolic: .10 - 1.0  $\mu$ H  
Powdered Iron: 1.2 - 27  $\mu$ H  
Ferrite: 33 - 1000  $\mu$ H



PART NUMBER	MS PART DESIGNATION	INDUCTANCE $\mu$ H	Q MIN.	TEST FREQ. (L&Q) MHz	SRF (MIN) MHz	DCR (MAX) ohms	RATED DC CURRENT mA
10M100K	10M110J	75083-1	.10 $\pm$ 10%	40	25	.680	.1350
10M120K	10M130J	75083-2	.11 $\pm$ 5%	40	25	.660	.1309
10M150K		75083-3	.12 $\pm$ 10%	40	25	.640	.1270
			.13 $\pm$ 5%	38	25	.625	.1239
			.15 $\pm$ 10%	38	25	.600	.1200
10M180K	10M160J	75083-4	.16 $\pm$ 5%	35	25	.580	.1151
	10M200J		.18 $\pm$ 10%	35	25	.550	.1105
10M220K	10M240J	75083-5	.20 $\pm$ 5%	33	25	.530	.1059
			.22 $\pm$ 10%	33	25	.510	.1025
			.24 $\pm$ 5%	33	25	.475	.986
10M270K	10M300J	75083-6	.27 $\pm$ 10%	33	25	.430	.960
10M330K	10M360J	75083-7	.30 $\pm$ 5%	30	25	.420	.876
			.33 $\pm$ 10%	30	25	.410	.815
10M390K		75083-8	.36 $\pm$ 5%	30	25	.385	.749
			.39 $\pm$ 10%	30	25	.365	.700
10M470K	10M430J	75083-9	.43 $\pm$ 5%	30	25	.345	.670
	10M510J		.47 $\pm$ 10%	30	25	.330	.650
10M560K	10M620J	75083-10	.51 $\pm$ 5%	30	25	.310	.589
			.56 $\pm$ 10%	30	25	.300	.545
			.62 $\pm$ 5%	28	25	.290	.515
10M680K	10M750J	75083-11	.68 $\pm$ 10%	28	25	.275	.495
	10M820K	75083-12	.75 $\pm$ 5%	28	25	.265	.453
	10M910J		.82 $\pm$ 10%	28	25	.250	.415
10M101K		75083-13	.91 $\pm$ 5%	25	25	.240	.397
			1.00 $\pm$ 10%	25	25	.230	.385
10M121K	10M111J	75084-1	1.1 $\pm$ 5%	25	7.9	.165	.607
	10M131J		1.2 $\pm$ 10%	25	7.9	.150	.590
10M151K	10M161J	75084-2	1.3 $\pm$ 5%	28	7.9	.145	.560
			1.5 $\pm$ 10%	28	7.9	.140	.535
			1.6 $\pm$ 5%	30	7.9	.135	.501
10M181K	10M201J	75084-3	1.8 $\pm$ 10%	30	7.9	.125	.455
	10M221K	75084-4	2.0 $\pm$ 5%	30	7.9	.120	.425
	10M241J		2.2 $\pm$ 10%	30	7.9	.115	.395
10M271K		75084-5	2.4 $\pm$ 5%	37	7.9	.109	.380
			2.7 $\pm$ 10%	37	7.9	.100	.355
10M331K	10M301J	75084-6	3.0 $\pm$ 5%	45	7.9	.95	.299
	10M361J		3.3 $\pm$ 10%	45	7.9	.90	.270
10M391K	10M431J	75084-7	3.6 $\pm$ 5%	45	7.9	.85	.260
			3.9 $\pm$ 10%	45	7.9	.80	.250
			4.3 $\pm$ 5%	45	7.9	.77	.240

# GOWANDA Series 10

## RF Molded Chokes

PART NUMBER		MS PART DESIGNATION	INDUCTANCE $\mu$ H	Q MIN.	TEST FREQ. (L&Q) MHz	SRF (MIN) MHz	DCR (MAX) ohms	RATED DC CURRENT mA
10M471K	10M511J	75084-8	4.7 $\pm$ 10%	45	7.9	75	1.20	230
10M561K		75084-9	5.1 $\pm$ 5%	50	7.9	69	1.47	216
10M681K	10M621J	75084-10	5.6 $\pm$ 10%	50	7.9	65	1.80	185
	10M621J		6.2 $\pm$ 5%	50	7.9	62	1.90	180
10M821K	10M751J	75084-11	6.8 $\pm$ 10%	50	7.9	60	2.00	180
	10M911J		7.5 $\pm$ 5%	50	7.9	57	2.35	165
10M102K	10M911J	75084-12	8.2 $\pm$ 10%	55	7.9	55	2.70	155
			9.1 $\pm$ 5%	55	7.9	52	3.00	145
10M122K	10M112J	75084-13	10 $\pm$ 10%	55	7.9	50	3.70	130
	10M132J		11 $\pm$ 5%	45	2.5	45	2.60	156
10M152K	10M162J	75084-14	12 $\pm$ 10%	45	2.5	40	2.70	155
			13 $\pm$ 5%	45	2.5	38	2.80	150
10M182K	10M202J	75084-15	15 $\pm$ 10%	45	2.5	35	2.80	150
			16 $\pm$ 5%	45	2.5	33	2.90	147
10M222K	10M242J	75084-16	18 $\pm$ 10%	50	2.5	30	3.10	145
			20 $\pm$ 5%	50	2.5	27.5	3.20	142
10M272K	10M242J	75084-17	22 $\pm$ 10%	50	2.5	25	3.30	140
			24 $\pm$ 5%	50	2.5	23	3.40	137
10M332K	10M302J	75085-1	27 $\pm$ 10%	50	2.5	20	3.50	135
			30 $\pm$ 5%	45	2.5	22	3.30	132
10M392K	10M362J	75085-2	33 $\pm$ 10%	45	2.5	24	3.40	130
			36 $\pm$ 5%	45	2.5	23	3.50	127
10M472K	10M512J	75085-3	39 $\pm$ 10%	45	2.5	22	3.60	125
			43 $\pm$ 5%	45	2.5	21	4.10	116
10M562K	10M622J	75085-4	47 $\pm$ 10%	45	2.5	20	4.50	110
			51 $\pm$ 5%	45	2.5	19	5.00	105
10M682K	10M622J	75085-5	56 $\pm$ 10%	45	2.5	18	5.70	100
			62 $\pm$ 5%	50	2.5	16.5	6.20	94
10M822K	10M752J	75085-6	68 $\pm$ 10%	50	2.5	15	6.70	92
			75 $\pm$ 5%	50	2.5	14.5	7.0	89
10M103K	10M912J	75085-7	82 $\pm$ 10%	50	2.5	14	7.3	88
			91 $\pm$ 5%	50	2.5	13.5	7.7	85
10M123K	10M113J	75085-8	100 $\pm$ 10%	50	2.5	13	8.0	84
			110 $\pm$ 5%	30	.79	12.5	11.0	71
10M153K	10M163J	75085-9	120 $\pm$ 10%	30	.79	12	13	66
			130 $\pm$ 5%	30	.79	11.5	14	63
10M183K	10M163J	75085-10	150 $\pm$ 10%	30	.79	11	15	61
			160 $\pm$ 5%	30	.79	10.5	16	59
10M223K	10M203J	75085-11	180 $\pm$ 10%	30	.79	10	17	57
			200 $\pm$ 5%	30	.79	9.5	19	54
10M273K	10M243J	75085-12	220 $\pm$ 10%	30	.79	9	21	52
			240 $\pm$ 5%	30	.79	8.5	23	49
10M333K	10M303J	75085-13	270 $\pm$ 10%	30	.79	8	25	47
			300 $\pm$ 5%	30	.79	7.5	27	46
10M393K	10M363J	75085-14	330 $\pm$ 10%	30	.79	7	28	45
			360 $\pm$ 5%	30	.79	6.75	32	41
10M473K	10M433J	75085-15	390 $\pm$ 10%	30	.79	6.5	35	40
			430 $\pm$ 5%	30	.79	6.25	39	37
10M563K	10M513J	75085-16	470 $\pm$ 10%	30	.79	6	42	36
			510 $\pm$ 5%	30	.79	5.5	44	35
10M683K	10M623J	75085-17	560 $\pm$ 10%	30	.79	5	46	35
			620 $\pm$ 5%	30	.79	4.6	53	32
10M823K	10M753J	75085-18	680 $\pm$ 10%	30	.79	4	60	30
			750 $\pm$ 5%	30	.79	4	63	29
10M104K	10M913J	75085-19	820 $\pm$ 10%	30	.79	3.8	65	29
			910 $\pm$ 5%	30	.79	3.6	69	28
			1000 $\pm$ 10%	30	.79	3.4	72	28

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