

15M

15MLF*

Wirewound, Molded


PART NUMBER	L μH	Q MIN	TEST FREQ L&Q MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING mA DC
PHENOLIC CORE						
15M150M	0.15	50	25	525	0.030	2450
15M220M	0.22	50	25	450	0.055	1900
15M330M	0.33	45	25	360	0.090	1400
15M470M	0.47	45	25	310	0.120	1225
15M560K	0.56	50	25	280	0.135	1220
15M680K	0.68	50	25	250	0.150	1100
15M820K	0.82	50	25	220	0.220	900
15M101K	1.00	50	25	200	0.290	830
15M121K	1.20	33	7.9	180	0.420	650
15M151K	1.50	33	7.9	160	0.500	600
15M181K	1.80	33	7.9	150	0.650	525
15M221K	2.20	33	7.9	135	0.950	435
15M271K	2.70	33	7.9	120	1.20	385
15M331K	3.30	33	7.9	110	2.00	300
15M391K	3.90	33	7.9	100	2.30	280
15M471K	4.70	33	7.9	90	2.60	260
POWDERED IRON CORE						
15M561K	5.60	45	7.9	60	0.32	495
15M681K	6.80	50	7.9	55	0.50	395
15M821K	8.20	50	7.9	50	0.60	360
15M102K	10.0	55	7.9	45	0.90	290
15M122K	12.0	65	2.5	42	1.10	265
15M152K	15.0	65	2.5	40	1.40	240
15M182K	18.0	75	2.5	34	2.25	185
15M222K	22.0	75	2.5	30	2.50	175
15M272K	27.0	60	2.5	25	2.60	170
15M332K	33.0	65	2.5	19	3.00	165

Suffix "M" for 20% tolerance, "K" for 10% tolerance and "J" for 5% tolerance

Optional tolerances available; please contact factory

Custom designs are available to meet your specific requirements; please contact factory

continued next page

***Add "LF" suffix for RoHS requirement. Example: 15M150MLF**

Gowanda designates a component RoHS-compliant by adding "LF" (lead free) to the part number.

These LF components meet the ≤ .1% lead requirement and they are compatible with 260°C soldering processes.

NOTES:

Operating Temperature Range:

-55°C to +125°C for Phenolic

-55°C to +105°C for Powdered Iron

• Current Rating at a 90°C ambient:

15°C temperature rise for Powdered Iron

35°C temperature rise for Phenolic

• DWV 1000 Vrms @ Sea Level

200 Vrms @ 70,000 Feet

• Laser marking is standard

TAPE AND REEL SPECS:

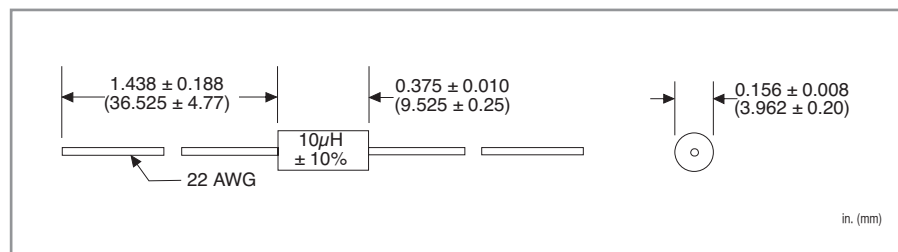
Pcs./Reel maximum: 2500

Pitch between parts: 0.200 in.

Inside tape spacing: 2.062 in.

Reel diameter: 12 in.

Class: 1



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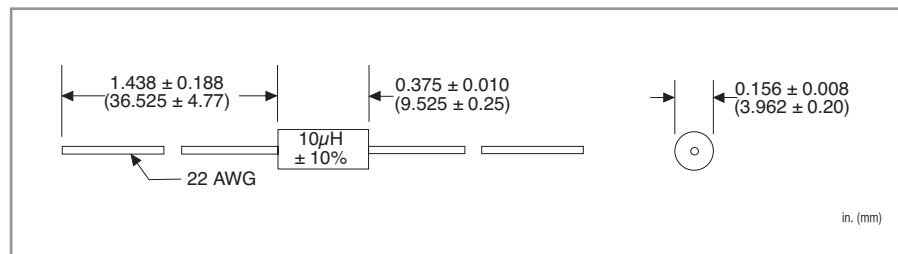
PART NUMBER	L μH	Q MIN	TEST FREQ L&Q MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING mA DC
POWDERED IRON CORE						
15M362J	36	60	2.5	15.5	2.50	180
15M392J	39	60	2.5	14.5	2.60	176
15M432J	43	60	2.5	13.7	2.70	172
15M472J	47	55	2.5	13.0	2.75	170
15M512J	51	55	2.5	12.7	2.85	167
15M562J	56	55	2.5	12.0	3.00	164
15M622J	62	55	2.5	11.5	3.15	160
15M682J	68	55	2.5	11.0	3.30	156
15M752J	75	55	2.5	10.5	3.70	147
15M822J	82	50	2.5	10.3	3.90	143
15M912J	91	50	2.5	10.0	4.30	136
15M103J	100	50	2.5	9.5	4.50	133
15M113J	110	60	0.79	8.9	4.90	128
15M123J	120	65	0.79	8.7	5.20	124
15M133J	130	65	0.79	8.5	5.45	121
15M153J	150	65	0.79	8.0	6.05	114
15M163J	160	65	0.79	7.5	6.40	111
15M183J	180	65	0.79	7.0	6.75	108
15M203J	200	65	0.79	6.5	7.10	106
15M223J	220	65	0.79	6.2	7.45	103
15M243J	240	65	0.79	5.9	7.80	101
15M273J	270	65	0.79	5.7	11.0	85
15M303J	300	65	0.79	5.4	11.5	83
15M333J	330	65	0.79	5.1	12.0	81
15M363J	360	65	0.79	4.8	12.5	80
15M393J	390	65	0.79	4.5	16.3	70
15M433J	430	65	0.79	4.2	17.1	68
15M473J	470	65	0.79	3.9	17.9	67
15M513J	510	65	0.79	3.8	18.8	65
15M563J	560	65	0.79	3.7	19.5	64
15M623J	620	65	0.79	3.3	25.9	55
15M683J	680	65	0.79	3.1	27.2	54
15M753J	750	65	0.79	2.9	28.6	53
15M823J	820	65	0.79	2.7	30.0	52
15M913J	910	65	0.79	2.5	31.5	50
15M104J	1000	65	0.79	2.3	33.0	49

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TAPE AND REEL SPECS:

Pcs./Reel maximum:	2500
Pitch between parts:	0.200 in.
Inside tape spacing:	2.062 in.
Reel diameter:	12 in.
Class:	1