



MLRF28M

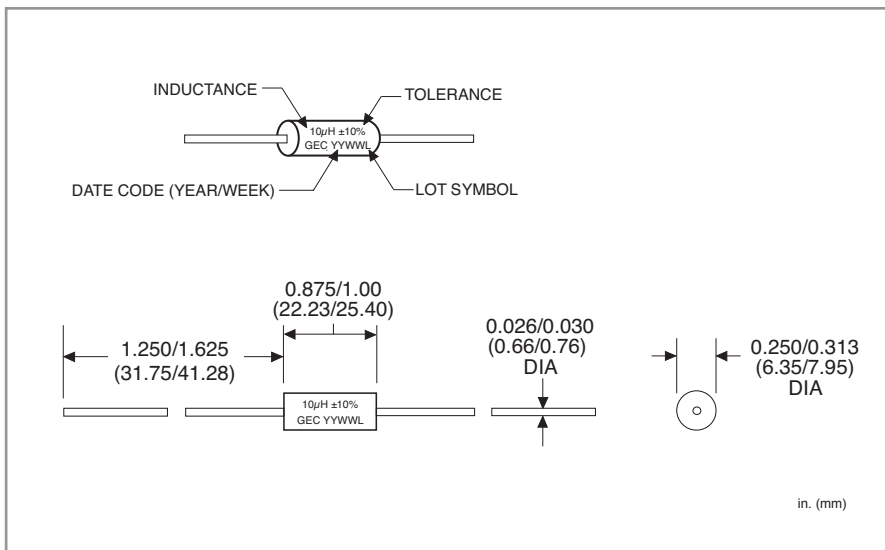


Wirewound, Molded, MIL-PRF-15305

MS91189 Phenolic Core, MS75103 Powdered Iron Core

PART NUMBER	MIL PART NUMBER	L μ H	Q MIN	TEST FREQ L&Q MHz	SRF MHz MIN	DCR OHMS MAX	CURRENT RATING mA DC
MS91189 - PHENOLIC CORE							
MLRF28M121K	MS91189-14	1.2	60	7.9	170	0.075	2400
MLRF28M151K	MS91189-15	1.5	60	7.9	160	0.090	2150
MLRF28M181K	MS91189-16	1.8	60	7.9	140	0.135	1750
MLRF28M221K	MS91189-17	2.2	60	7.9	125	0.160	1600
MLRF28M271K	MS91189-18	2.7	60	7.9	115	0.220	1350
MLRF28M331K	MS91189-19	3.3	60	7.9	100	0.305	1150
MLRF28M391K	MS91189-20	3.9	60	7.9	95	0.450	955
MLRF28M471K	MS91189-21	4.7	60	7.9	90	0.560	860
MLRF28M561K	MS91189-22	5.6	60	7.9	80	0.745	745
MLRF28M681K	MS91189-23	6.8	60	7.9	75	1.050	635
MLRF28M821K	MS91189-24	8.2	60	7.9	68	1.400	550
MLRF28M102K	MS91189-25	10	60	7.9	60	1.900	460
MLRF28M122K	MS91189-26	12	40	2.5	53	2.650	395
MLRF28M152K	MS91189-27	15	40	2.5	50	3.250	355
MLRF28M182K	MS91189-28	18	40	2.5	45	4.150	315
MS75103 - POWDERED IRON CORE							
MLRF28M222K	MS75103-1	22	50	2.5	24	0.295	725
MLRF28M272K	MS75103-2	27	45	2.5	22	0.350	660
MLRF28M332K	MS75103-3	33	60	2.5	19	0.550	525
MLRF28M392K	MS75103-4	39	55	2.5	18	0.650	485
MLRF28M472K	MS75103-5	47	65	2.5	16	1.000	390
MLRF28M562K	MS75103-6	56	65	2.5	14	1.150	360
MLRF28M682K	MS75103-7	68	75	2.5	13	1.850	285
MLRF28M822K	MS75103-8	82	75	2.5	12	2.100	265
MLRF28M103K	MS75103-9	100	75	2.5	12	2.500	245
MLRF28M123K	MS75103-10	120	95	0.79	10	4.100	195

Suffix "K" for 10% tolerance



NOTES:

- Operating Temperature Range:
 - 55°C to +125°C for MS91189 (Phenolic)
 - 55°C to +105°C for MS75103 (Powdered Iron)
- Temperature Class:
 - Class B (125°C) for MS91189 (Phenolic)
 - Class A (105°C) for MS75103 (Powdered Iron)
- Current Rating at a 90°C ambient:
 - 15°C temperature rise for MS75103 (Powdered Iron)
 - 35°C temperature rise for MS91189 (Phenolic)
- Weight maximum:
 - 3.9 grams (0.1376 ounces)
- DWV 1000 Vrms @ Sea Level
200 Vrms @ 70,000 Feet

TAPE AND REEL SPECS:

Pcs./Reel maximum:	1000
Pitch between parts:	0.420 in.
Inside width:	2.500 in.
Reel diameter:	12 in.