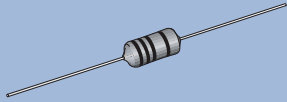


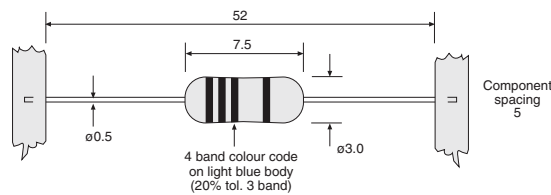
### MAGNETIX type MAL3

A range of sub-miniature size, ferrite drum cored RF inductors with axial leads and a flame retardant epoxy resin coated body. Supplied taped and available in ammo-boxes.



- ◆ Inductance values from **0.1µH to 1000µH**
- ◆ High Q & self resonant frequency
- ◆ Epoxy resin coated, flame retardant
- ◆ Ferrite core
- ◆ Supplied taped
- ◆ Available in ammo-boxes

#### Dimensions (mm)



Specification	MAL3	Packaging
Inductance range	0.1µH to 1000µH	Tape
Operating temperature range	-20°C to +80°C	52mm wide, 5mm pitch

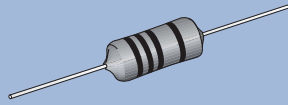
#### MAL3

ORDER CODES							Order Code
Value (µH)	Tolerance	Q min.	Test Frequency (MHz)	SRF min. (MHz)	DC Resistance max. (Ω)	DC Current max. (mA)	
0.1	20%	45	25.2	480	0.06	1400	654501
0.15	20%	45	25.2	420	0.07	1270	654505
0.22	20%	45	25.2	380	0.08	1150	654509
0.33	20%	45	25.2	320	0.10	1110	654513
0.47	20%	45	25.2	300	0.15	1000	654517
0.68	20%	45	25.2	240	0.20	900	654521
1.0	10%	45	25.2	180	0.25	815	654425
1.5	10%	45	7.96	140	0.30	700	654429
2.2	10%	45	7.96	110	0.40	630	654433
3.3	10%	45	7.96	74	0.50	575	654437
4.7	10%	45	7.96	48	0.60	530	654441
6.8	10%	45	7.96	28	0.70	470	654445
10	10%	45	7.96	18	0.85	370	654449
15	10%	45	2.52	14	1.0	335	654453
22	10%	45	2.52	10	1.35	285	654457
33	10%	45	2.52	8.0	2.1	255	654461
47	10%	50	2.52	7.0	2.6	205	654465
68	10%	50	2.52	6.0	3.2	185	654469
100	10%	50	2.52	5.0	4.2	165	654473
150	10%	50	0.796	4.5	5.0	150	654477
220	10%	50	0.796	3.5	7.0	130	654481
330	10%	50	0.796	2.8	8.0	100	654485
470	10%	50	0.796	2.4	13.	90	654489
680	10%	50	0.796	1.8	16.	75	654493
1000	10%	50	0.796	1.4	26.	60	654497

E12 values are available to order.

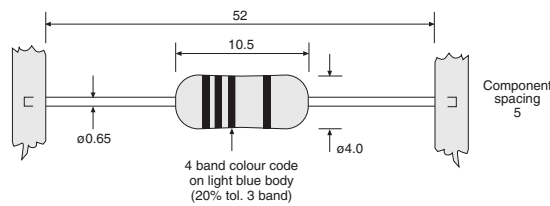
**MAGNETIX type MAL4**

A range of miniature size, ferrite drum cored RF inductors with axial leads and a flame retardant epoxy resin coated body. Supplied taped and available in ammo-boxes.



- ◆ Inductance values from **0.1µH to 1000µH**
- ◆ High Q & self resonant frequency
- ◆ Epoxy resin coated, flame retardant
- ◆ **Ferrite core**
- ◆ Supplied taped
- ◆ Available in ammo-boxes

Dimensions (mm)



Specification

MAL4

Packaging

Inductance range	0.1µH to 1000µH
Operating temperature range	-20°C to +80°C

Tape	52mm wide, 5mm pitch
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ORDER CODES

Value (µH)	Tolerance	Q min.	Test Frequency (MHz)	SRF min. (MHz)	DC Resistance max. (Ω)	DC Current max. (mA)	Order Code
0.1	20%	50	25.2	480	0.06	1700	654801
0.15	20%	50	25.2	420	0.07	1560	654805
0.22	20%	50	25.2	380	0.08	1400	654809
0.33	20%	50	25.2	300	0.10	1280	654813
0.47	20%	50	25.2	250	0.13	1150	654817
0.68	20%	50	25.2	210	0.15	1030	654821
1.0	10%	50	25.2	157	0.17	920	654725
1.5	10%	50	7.96	131	0.20	830	654729
2.2	10%	50	7.96	110	0.24	750	654733
3.3	10%	60	7.96	94	0.30	670	654737
4.7	10%	70	7.96	80	0.40	620	654741
6.8	10%	70	7.96	68	0.50	550	654745
10	10%	80	7.96	40	0.65	500	654749
15	10%	70	2.52	20	0.75	460	654753
22	10%	60	2.52	9.9	0.9	410	654757
33	10%	50	2.52	6.5	1.1	370	654761
47	10%	45	2.52	6.3	1.3	340	654765
68	10%	40	2.52	5.7	1.8	305	654769
100	10%	30	2.52	4.8	2.5	275	654773
150	10%	60	0.796	3.5	4.0	175	654777
220	10%	60	0.796	2.8	5.0	155	654781
330	10%	60	0.796	2.4	6.5	137	654785
470	10%	50	0.796	1.8	8.5	126	654789
680	10%	45	0.796	1.6	12	113	654793
1000	10%	40	0.796	1.2	20	85	654797

E12 values are available to order.