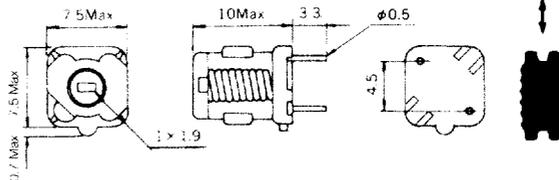


MC136

Close Wound

Frequency Range: 30MHz-250MHz⁽¹⁾Inductance Range: 0.03-0.45 μ HTemperature Coefficient: 150ppm/ $^{\circ}$ C, max.

Unit: mm

Features

- Bottom end construction is without tuning hole.
- Shielded case available.

STANDARD COILS SELECTION GUIDE

(1) Alternate use of an aluminum core will increase the usable frequency of any specific coil form, however inductance is reduced. These cores may also be substituted for ferrite as a means of lowering Q.

(2) Max. freq. E542DN...80MHz. E542SN...120MHz.

(3) Inductance values for reference only.

(4) C max. core position...2 turns off from top of shield case or bobbin.

TYPE MC136

TOKO Part Number ⁽¹⁾⁽²⁾	Number of Turns	Color Code	Inductance ⁽³⁾ (μ H)	Q (min.)	Test Frequency (MHz)	Tuning Capacitance ⁽⁴⁾ Range (pF)	Shielded Case
E542SNAS-100072	1 1/2	WHITE	0.03	60	100	78.5 \pm 3%	YES
E542SNAS-100073	2 1/2	RED	0.05	80	100	48.5 \pm 4%	YES
E542SNAS-100074	3 1/2	ORANGE	0.08	90	100	32.5 \pm 6%	YES
E542SNAS-100075	4 1/2	YELLOW	0.10	90	100	23.5 \pm 6%	YES
E542SNAS-100076	5 1/2	GREEN	0.15	90	100	17.0 \pm 6%	YES
E542DNAS-100077	3 1/2	ORANGE	0.08	70	57	100 \pm 6%	YES
E542DNAS-100078	4 1/2	YELLOW	0.10	70	57	76.0 \pm 6%	YES
E542DNAS-100079	5 1/2	GREEN	0.13	70	57	59.0 \pm 6%	YES
E542DNAS-100080	6 1/2	BLUE	0.16	70	57	49.0 \pm 6%	YES
E542DNAS-100081	7 1/2	VIOLET	0.20	70	57	38.5 \pm 6%	YES
E542DNAS-100082	8 1/2	WHITE	0.23	60	45	55.5 \pm 8%	YES
E542DNAS-100083	9 1/2	RED	0.25	60	45	50.0 \pm 8%	YES
E542DNAS-100084	10 1/2	ORANGE	0.29	60	45	43.0 \pm 6%	YES
E542SN-100059	1 1/2	WHITE	0.03	90	100	72.0 \pm 3%	NO
E542SN-100060	2 1/2	RED	0.05	110	100	42.0 \pm 6%	NO
E542SN-100061	3 1/2	ORANGE	0.10	120	100	26.5 \pm 8%	NO
E542SN-100062	4 1/2	YELLOW	0.14	120	100	18.5 \pm 8%	NO
E542SN-100063	5 1/2	GREEN	0.20	110	100	13.0 \pm 8%	NO
E542DN-100064	3 1/2	ORANGE	0.09	100	57	85.8 \pm 8%	NO
E542DN-100065	4 1/2	YELLOW	0.13	100	57	60.0 \pm 8%	NO
E542DN-100066	5 1/2	GREEN	0.17	100	57	44.0 \pm 8%	NO
E542DN-100067	6 1/2	BLUE	0.21	100	57	36.5 \pm 8%	NO
E542DN-100068	7 1/2	VIOLET	0.29	90	57	27.0 \pm 6%	NO
E542DN-100069	8 1/2	WHITE	0.31	80	45	39.5 \pm 6%	NO
E542DN-100070	9 1/2	RED	0.38	80	45	33.0 \pm 6%	NO
E542DN-100071	10 1/2	ORANGE	0.45	70	45	28.0 \pm 5%	NO