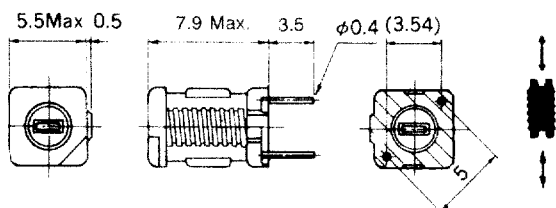


TYPE MC139*Space Wound***Frequency Range:** 30MHz-250MHz⁽¹⁾**Inductance Range:** 0.012~0.134μH**Temperature Coefficient:** 150ppm/°C, max.

Unit: mm

Features

- Ultra compact molded coil for RF stage in pager and small sized telecommunications equipment.
- Molded of high temperature grade resin to withstand the heat absorbed during soldering.
- Space wound and without tap.
- Shielded case also available.

STANDARD COILS SELECTION GUIDE

(1) Alternate use of brass 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) Minimum inductance value with core 2 turns above top of case. Applies to certain parts only.

(3) Q measured by Q meter.

(4) Inductance measured by HP-4191A at 100MHz for reference only.

TYPE MC139

TOKO Part Number ⁽¹⁾	Number ⁽²⁾ of Turns	Color Code	Inductance ⁽⁴⁾ (μH)	Q ⁽³⁾ (min.)	Test Frequency (MHz)	Tuning Range (%)	Shield Case
Ferrite Core							
NE545SN-100091	1½	WHITE	0.027	50	100	±3.5	NO
NE545SN-100092	2½	RED	0.036	80	100	±5	NO
NE545SN-100093	3½	ORANGE	0.060	100	100	±6	NO
NE545SN-100094	4½	YELLOW	0.083	120	100	±6	NO
NE545SN-100095	5½	GREEN	0.110	120	100	±6	NO
NE545SN-100096	6½	BLUE	0.134 ⁽²⁾	120	100	±6	NO
Brass Core							
NE545BN-100097	1½	WHITE	0.015	60	150	±2	NO
NE545BN-100098	2½	RED	0.024	55	150	±3	NO
NE545BN-100099	3½	ORANGE	0.035	55	150	±3.5	NO
NE545BN-100100	4½	YELLOW	0.054	50	150	±3.5	NO
NE545BN-100101	5½	GREEN	0.060 ⁽²⁾	50	150	±3.5	NO
NE545BN-100102	6½	BLUE	0.071 ⁽²⁾	50	150	±3.5	NO
Ferrite Core with shield case							
NE545SNAS-100103	1½	WHITE	0.015	45	100	±2	YES
NE545SNAS-100104	2½	RED	0.026	50	100	±3.5	YES
NE545SNAS-100105	3½	ORANGE	0.040	50	100	±4	YES
NE545SNAS-100106	4½	YELLOW	0.053	50	100	±4	YES
NE545SNAS-100107	5½	GREEN	0.069	50	100	±4	YES
NE545SNAS-100108	6½	BLUE	0.083 ⁽²⁾	50	100	±4	YES
Brass Core with shield case							
NE545BNAS-100081	1½	WHITE	0.012	55	150	±1.5	YES
NE545BNAS-100082	2½	RED	0.020	50	150	±2	YES
NE545BNAS-100083	3½	ORANGE	0.028	50	150	±2.5	YES
NE545BNAS-100084	4½	YELLOW	0.036	45	150	±2.5	YES
NE545BNAS-100085	5½	GREEN	0.048 ⁽²⁾	45	150	±2.5	YES
NE545BNAS-100086	6½	BLUE	0.056 ⁽²⁾	45	150	±2.5	YES