

MOX-TMI-SERIES

Tunable Molded Inductors



Features:

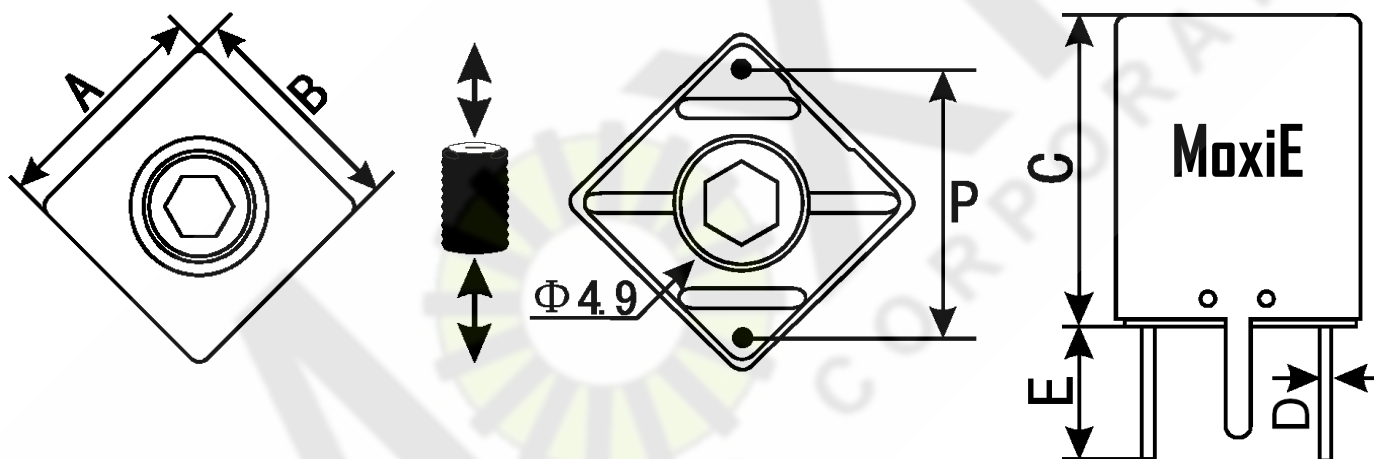
- PP plastic bobbin.
- Frequency range: 30MHz to 250MHz.
- Temperature coefficient: 150ppm/°C Maximum.
- Adjustable inductance value from either top or bottom of case.
- High stability with shielded casing.

Applications:

- FM radios, television receivers, transceivers.
- Wireless communications, RF electronic applications.
- ANT, RF & OSC coils.



MECHANICAL DIMENSIONS



A	B	C	D	E	P
10.50 MAX.	10.50 MAX.	13.50 ±1.0	0.65 ±1.0	5.00±1.0	9.90 ±1.0



ELECTRICAL SPECIFICATIONS

MoxiE Part Number	Color	L Nom. (nH)	L Min. (nH)	L Max. (nH)	Q Min.	Test Frequency
MOX-TMI-1.5TC	WHITE	36.0	30.4	41.6	7.0	100MHz
MOX-TMI-2.5TC	RED	69.5	54.5	84.5	7.8	100MHz
MOX-TMI-3.5TC	ORANGE	115.5	83.5	147.5	8.0	100MHz
MOX-TMI-4.5TC	YELLOW	139.5	108.5	170.5	7.6	100MHz
MOX-TMI-5.5TC	GREEN	184.5	140.5	228.5	7.0	100MHz
MOX-TMI-6.5TC	BLUE	223.5	185.0	262.0	6.6	100MHz
MOX-TMI-7.5TC	VIOLET	277.0	206.0	348.0	7.6	100MHz
MOX-TMI-8.5TC	GRAY	309.0	258.0	360.0	6.6	100MHz
MOX-TMI-9.5TC	WHITE	377.0	325.0	415.0	6.0	100MHz
MOX-TMI-10.5TC	RED	417.5	365.0	470.0	6.0	100MHz

Notes:

- MoxiE custom colors are available for molded coils.
- Inductance values may be increased if ferrite cores are used to replace brass or aluminum cores.
- MoxiE Inductor Corporation specifications are subject to change without notice.