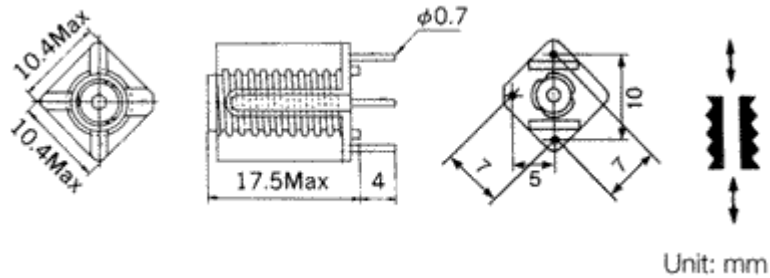


## MC117 Series



### Technical Specification

Inductance Range : 0.02uH - 0.40uH  
 Frequency Range : 30MHz - 150MHz

### Features

- The MC117 is a very high stability coil based on the dimensions of the MC120 moulded coil, although being taller it is designed for a space wound coil, with an optional tap encapsulated within the moulding of the coil assembly.
- Adjustment is possible from either end.
- The MC117 is available with an optional screening can (although some of the Q potential is lost when used in conjunction with a screening can assembly).
- Like all TOKO moulded coils, the MC117 is protected against the effects of vibration and thermal cycling, with the core being held in such a way as to minimize the dangers of fracture during adjustment when compared to usual types of construction.
- The MC117 series, intended for high stability applications requiring optimum Q characteristics at VHF, is space wound on a hexagonal core.
- The MC117 is only available as a single winding coil with one tap when required.
- The full range of the MC117 is not stocked in depth. Please enquire regarding samples and delivery.

### TOKO MC117 MOULDED COILS

TOKO Ref	Inductance	Q min	Freq (MHz)	Colour code	Turns	BEC Ref
<b>(Unshielded)</b>						
E523HN-1000029	0.0373uH	156	100	white	1.5t	412100
E523HN-2000052	0.0667uH	136	100	red	2.5t	412200
E523HN-3000143	0.1013uH	216	100	orange	3.5t	412300
E523HN-4000124	0.1583uH	186	100	yellow	4.5t	412400
E523HN-5000145	0.211uH	164	100	green	5.5t	412500
E523HN-6000146	0.2349uH	198	70	blue	6.5t	412600
E523HN-7000097	0.304uH	192	70	violet	7.5t	412700
E523HN-8000169	0.3976uH	138	70	white	8.5t	412800
E523AN-1000059	0.0325uH	130	100	white	1.5t	413100
E523AN-2000142	0.0487uH	130	100	red	2.5t	413200

E523AN-3000253	0.0667uH	135	100	orange	3.5t	413300
E523AN-4000194	0.0845uH	114	100	yellow	4.5t	413400
E523AN-5000265	0.101uH	125	100	green	5.5t	413500
E523AN-6000286	0.0126uH	135	100	blue	6.5t	413600
E523AN-7000197	0.149uH	128	100	violet	7.5t	413700
E523AN-8000099	0.163uH	120	100	white	8.5t	413800
<b>(Shielded)</b>						
E523HNA-1000029	0.0338uH	70	100	white	1.5t	412100
E523HNA-2000052	0.0551uH	100	100	red	2.5t	412200
E523HNA-3000143	0.0792uH	130	100	orange	3.5t	412300
E523HNA-4000124	0.1101uH	110	100	yellow	4.5t	412400
E523HNA-5000145	0.1407uH	105	100	green	5.5t	412500
E523HNA-6000146	0.1948uH	80	100	blue	6.5t	412600
E523HNA-7000097	0.2165uH	70	100	violet	7.5t	412700
E523HNA-8000169	0.2265uH	105	100	white	8.5t	412800
E523ANA-1000059	0.0281uH	70±20%	100	white	1.5t	413100
E523ANA-2000142	0.0422uH	85±20%	100	red	2.5t	413200
E523ANA-3000253	0.0563uH	85±20%	100	orange	3.5t	413300
E523ANA-4000194	0.0724uH	75	100	yellow	4.5t	413400
E523ANA-5000265	0.0859uH	75	100	green	5.5t	413500
E523ANA-6000286	0.1013uH	105±20%	100	blue	6.5t	413600
E523ANA-7000197	0.1267uH	80	100	violet	7.5t	413700
E523ANA-8000099	0.1407uH	80	100	white	8.5t	413800