TOKO, INC.

MC 120 SERIES

GENERAL

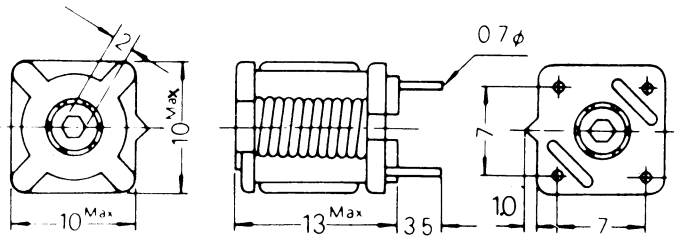
The MC 120 is a very high stability coil, based on the dimensions of the MC 117 moulded coil, although approx. 60% of the MC 117 height. It is designed for either a close wound coil with an optional secondary, or a single space wound coil with an optional tap encapsulated within the moulding of the coil assembly. Adjustment is possible from either end.

The MC 120 is available with a screening can if required, although some of the Q is lost when used in conjunction with a screening assembly.

The coil is protected against the effects of vibration and thermal cycling, with the core being held in such a way as to minimise the dangers of fracture during adjustment, when compared to traditional types of construction.

DIMENSIONS

(Shown in mm.)



STANDARD MC 120 TYPES (UNTAPPED)

TOKO Sample no.		Winding (t)		Frequency	Turning Cap	Q min	Inductance
E526HNA	-100071	close	1.5	100MHz	64.5pf	110	0.04uH
	-100072	close	2.5	100MHz	39.0pf	130	0.06uH
	-100073	close	3.5	100MHz	25.5pf	135	0.09uH
	-100074	close	4.5	100MHz	18.0pf	140	0.14uH
	-100075	close	5.5	50MHz	60.0pf	100	0.17uH
	-100076	close	6.5	50MHz	48.0pf	100	0.21uH
	-100077	close	7.5	50MHz	42.0pf	105	0.24uH
	-100078	close	8.5	50MHz	35.0pf	105	0.28uH
	-100079	close	9.5	50MHz	30.0pf	100	0.33uH
	(with case)						
E526HN	-100102	close	1.5	100MHz	55.0pf	150	0.04uH
	-100103	close	2.5	100MHz	30.0pf	170	0.08uH
	-100104	close	3.5	100MHz	19.5pf	190	0.13uH
	-100080	close	4.5	100MHz	13.0pf	180	0.19uH
	-100105	close	5.5	50MHz	42.0pf	140	0.24uH
	-100106	close	6.5	50MHz	32.0pf	140	0.31uH
	-100107	close	7.5	50MHz	28.5pf	140	0.35uH
	-100108	close	8.5	50MHz	23.0pf	130	0.44uH
	-100109	close	9.5	50MHz	19.0pf	120	0.53uH
	(without case)						
E526HNA	(with case)						
	-100110	space	1.5	100MHz	69.0pf	105	0.03uH
	-100111	space	2.5	100MHz	43.5pf	130	0.05uH
	-100112	space	3.5	100MHz	30.0pf	145	0.08uH
	-100113	space	4.5	100MHz	23.5pf	150	0.10uH
	-100114	space	5.5	100MHz	18.5pf	150	0.13uH
E526HN	(without case)						
	-100115	space	1.5	100MHz	58.0pf	150	0.04uH
	-100116	space	2.5	100MHz	34.0pf	190	0.04uH
	-100117	space	3.5	100MHz	21.5pf	215	0.11uH
	-100118	space	4.5	100MHz	16.5pf	230	0.15uH
	-100119	space	5.5	100MHz	12.0pf	240	0.21uH