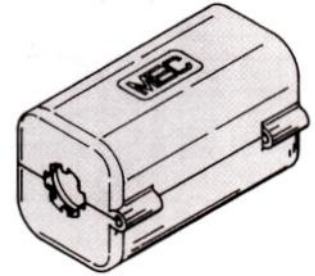
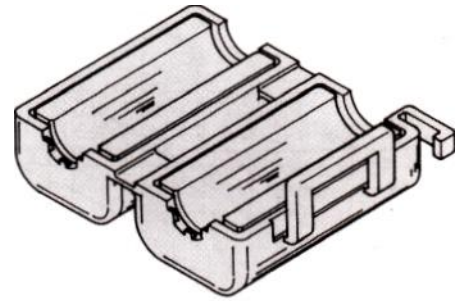
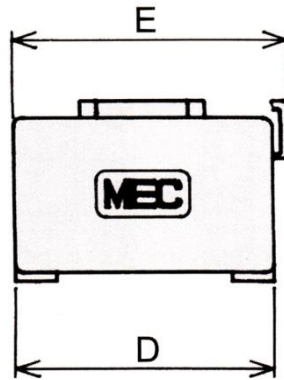
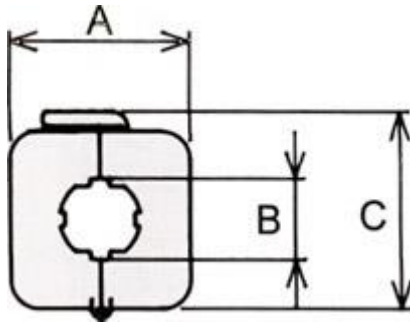


FERRITES

SPLIT SLEEVE CORES WITH PLASTIC CASE (MSFC)



FEATURES

- 1) As a precaution against and for evaluation of EMI, cut through the thin connecting section (ribbed structure) as shown in Fig.1 using a sharp knife, leaving the hinge portion attached. Once released, it can be opened and closed as required using one hand, allowing the insertion loss of the core to be easily checked using a spectrum analyzer. (For mass production the conventional one-touch attachment can be used).
- 2) To fix a harness or cable bundle more securely to the core, use a cable tie as shown in Fig.2 to hold the arm. One cable tie will suffice to hold the wires effectively, regardless of the diameter of the cable bundle. (Multi-core cable will also be held by the serrations on the epoxy casing).
- 3) Employs ferrite material which is effective, even at high frequency bands of 300MHz and above, to cope with increased clock speeds. Simply by clamping interface cables, data line harnesses and the like, the common mode noise alone can be suppressed without any effect on the signal waveform (when used as a common mode choke).
- 4) An interchangeable non-split core of the same material is also available.

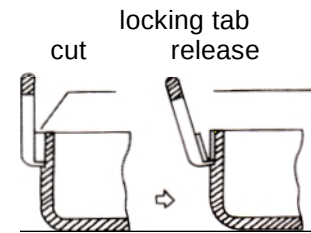


Figure 1

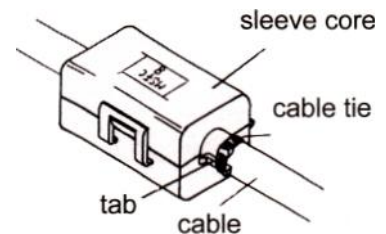


Figure 2

PLASTIC CASE MATERIAL: PA66 (NYLON) 94V-0

APPLICATIONS: As protection against unwanted radiation in digital and other of electrical equipment such as personal computers, word processors, fax machines, display equipment, photocopiers, computer games etc., ensuring immunity against transmission and other types of noise for such equipment (for CE marking etc.).

Dimensions in mm

Part number	Dimensions					Impedance 1 Turn		Impedance 2 Turns		Cable Diameter	
	A	B	C	D	E	25 MHz	100 MHz	25 MHz	100 MHz	from	to
MSFC4EX	13.2	5.0	14.3	22.8	24.8	102	156	415	645	4.0	5.0
MSFC5EX	16.6	6.0	18.0	31.0	33.0	170	257	692	1040	5.0	6.0
MSFC6KEX	19.0	7.0	20.8	31.0	33.0	141	214	570	857	6.0	7.0
MSFC6KEA	19.0	7.0	20.8	31.0	33.0	96	192	391	802	6.0	7.0
MSFC8KEX	19.0	8.5	20.8	31.0	33.0	139	219	563	875	7.8	8.5
MSFC8KEA	19.0	8.5	20.8	31.0	33.0	95	195	388	800	7.8	8.5
MSFC10KEX	28.0	10.5	29.8	31.0	33.0	166	250	690	990	9.5	10.5
MSFC13KEX	28.0	13.5	29.8	31.0	33.0	166	252	682	961	12.5	13.0

Impedance figures are typical values.

FERRITES

SPLIT SLEEVE CORES WITH PLASTIC CASE (MSFC)

