

10.7 MHz- and 21.4 MHz-Series MCF Type: with a Built-in Transformer

■ Features

This is an integrated MCF with a built-in transformer which matched terminating impedance with MCF impedance.

- This product can be manufactured according to your requested terminating impedance.
- It can be designed and manufactured so that no adjustment is needed in the field.
- It has stable temperature characteristics.



RoHS Compliant
Directive 2002/95/EC

■ Specifications

Model	Nominal frequency (MHz)	Number of poles	Passband width		Stop bandwidth				Ripple (dB)	Insertion loss (insertion attenuation) (dB)	Terminating impedance (Ω /pF)	Operating temperature range ($^{\circ}$ C)	Package type	Weight (g)
			(dB)	(kHz)	(dB)	(kHz)	(dB)	(kHz)						
10A7.5CB	10.7	6	3	± 3.75	45	± 8.75	65	± 12.5	2	3.5	50/0	-20 to +70	D-152	23
10A15CB	10.7	6	3	± 7.5	45	± 17.5	65	± 25	2	3	50/0	-20 to +70	D-152	23
10A30CB	10.7	6	3	± 15	45	± 35	65	± 50	2	3	50/0	-20 to +70	D-152	23
10A7.5DG	10.7	8	3	± 3.75	70	± 8.75	90	± 12.5	2	4	50/0	-20 to +70	D-152	25
10A15DB	10.7	8	3	± 7.5	70	± 17.5	90	± 25	2	3.5	50/0	-20 to +70	D-152	25
10A30DB	10.7	8	3	± 15	70	± 35	80	± 50	2	3.5	50/0	-20 to +70	D-152	25
21C7.5DD	21.4	8	3	± 3.75	65	± 9	90	± 12.5	2	4.5	50/0	-20 to +70	D-162	12
21C15DCA	21.4	8	3	± 7.5	65	± 17.5	90	± 25	2	4	50/0	-20 to +70	D-162	12
21C30DG	21.4	8	3	± 15	65	± 35	80	± 50	2	4	50/0	-20 to +70	D-162	12

■ List of Codes for Placing an Order

Model	Code for placing an order
10A7.5CB	10A7.5CB-10.7M-FN15-835
10A15CB	10A15CB-10.7M-FN15-837
10A30CB	10A30CB-10.7M-FN15-758
10A7.5DG	10A7.5DG-10.7M-FN15-836
10A15DB	10A15DB-10.7M-FN15-838

Model	Code for placing an order
10A30DB	10A30DB-10.7M-FN15-839
21C7.5DD	21C7.5DD-21.4M-FN15-747
21C15DCA	21C15DCA-21.4M-FN15-699
21C30DG	21C30DG-21.4M-FN15-594

■ Dimensions

