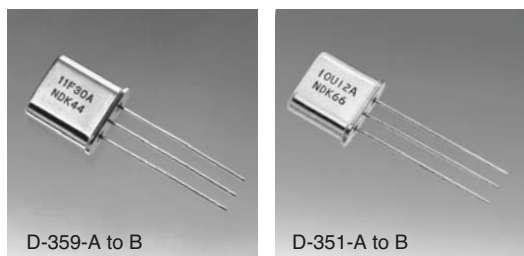


10.7 MHz-Series MCF

■ Features

Unlike conventional crystal filters, this filter needs no transformer, and as a result it is ultra-compact and ultra-lightweight. It has extremely good characteristics and maintains the high Q of crystal.

- Compact and light.
- Stable temperature characteristics.
- Structure highly resistant to vibration and shock.



Pb Free

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 (kΩ//pF)	Operating temperature range (°C)	Package type	Weight (g)
			(dB)	(kHz)	(dB)	(kHz)						
10F7.5A	10.7	2	3	±3.75	18	±15	0.7	2	1.5//5	-20 to +70	D-359-A	1
10T7.5BH	10.7	4	3	±3.75	40	±12.5	1	2.5	1.5//4.5 Cc = 17pF	-20 to +70	D-359-B	2
10F12A	10.7	2	3	±6	18	±22	0.5	2	2.3//3	-20 to +70	D-359-A	1
10F12B	10.7	4	3	±6	40	±20	1	2.5	3//1.5 Cc = 8.5pF	-20 to +70	D-359-B	2
10T15AN	10.7	2	3	±7.5	18	±25	0.5	2	3//2.5	-20 to +70	D-359-A	1
10T15BK	10.7	4	3	±7.5	40	±25	1	2.5	3//1.5 Cc = 5pF	-20 to +70	D-359-B	2
10T20AL	10.7	2	3	±10	18	±34	0.5	2	3.9//1	-20 to +70	D-359-A	1
10T20BA	10.7	4	3	±10	40	±34	1	2.5	3.9//0 Cc = 2.0pF	-20 to +70	D-359-B	2
10F30A	10.7	2	3	±15	18	±50	0.5	2	5//-1	-20 to +70	D-359-A	1
10F30B	10.7	4	3	±15	40	±50	1	2.5	5//-1.8 Cc = 1pF	-20 to +70	D-359-B	2
10U7.5A	10.7	2	3	±3.75	18	±18	1	2	1.8//4	-20 to +70	D-351-A	1
10U12AA	10.7	2	3	±6	18	±22	1	2	2.3//3	-20 to +70	D-351-A	1

* Products of which the pole is "4" have pairs of two elements.

■ List of Codes for Placing an Order

Model	Code for placing an order
10F7.5A	10F7.5A-10.7M-MN15-037
10T7.5BH	10T7.5BH-10.7M-MN15-254
10F12A	10F12A-10.7M-MN15-066
10F12B	10F12B-10.7M-MN15-257
10T15AN	10T15AN-10.7M-MN15-256
10T15BK	10T15BK-10.7M-MN15-235

Model	Code for placing an order
10T20AL	10T20AL-10.7M-MN15-255
10T20BA	10T20BA-10.7M-MN15-335
10F30A	10F30A-10.7M-MN15-134
10F30B	10F30B-10.7M-MN15-135
10U7.5A	10U7.5A-10.7M-MN15-293
10U12AA	10U12AA-10.7M-MN15-295

■ Dimensions

