

Monolithic Filters

10.7 MHz - 21.4 MHz - 45.0 MHz - 70.0 MHz

- Ultra Small: SMT/ Low Profile
- Wide Operating Temperature Range: -55°C to +105°C
- Military, Space, Commercial Applications
- Custom Designs Available

NIC Part No.	Poles	Pass Band dB	Pass Band KHz	Stop Band dB	Stop Band KHz	Max RIP.	Max I.L.	Ult. Attn. dB	Ult. Attn. Fo±KHz	Impedance Ohm//PF	Package L x W x H
10.7 MHz Fundamental (25 KHz Channel Spacing)											
10N15 A	2	3	±7.50	18	±25.0	0.5	1.5	35	±300 - ±1000	3.0K // 2.0	HC49/3
10N15 B	4	3	±7.50	40	±25.0	1.0	2.5	50	±300 - ±1000	3.0K // 2.0	HC49/3x2
10N15 C	6	3	±7.50	65	±25.0	2.0	3.0	65	±25 - ±300	3.3K // 1.5	P201
10N15 D	8	6	±7.50	90	±25.0	2.0	3.5	90	±25 - ±300	3.3K // 1.5	P202
21.4 MHz Fundamental (50 KHz Channel Spacing)											
21N30 A	2	3	±15.0	15	±45.0	0.5	1.5	35	±350 - ±1000	3.0K // 0.5	HC45/3
21N30 B	4	3	±15.0	40	±50.0	1.0	2.5	65	±350 - ±1000	3.0K // -0.5	HC45/3x2
21N30 C	6	3	±15.0	65	±50.0	2.0	2.5	65	±50 - ±300	2.2K // 0.5	P203
21N30 D	8	6	±15.0	80	±50.0	2.0	3.0	80	±50 - ±300	2.2K // 0.5	P204
45.0 MHz Fundamental											
45N30AF	2	3	±15.0	15	±50.0	1.0	2.0	35	±500 - ±1000	80 // 1.5	HC45/3
45N30BF	4	3	±15.0	40	±60.0	1.0	3.0	70	±500 - ±1000	800 // 1.0	HC45/3x2
45.0 MHz 3rd Overtone											
45N7A	2	3	±3.75	10	±12.5	1.0	2.5	35	±910	2.5K // -0.5	HC45/3
45N7B	4	3	±3.75	30	±12.5	1.0	4.0	75	±910	2.5K // 0.5	HC45/3x2
45N15 A	2	3	±7.50	18	±28.0	1.0	2.0	35	±500 - ±1000	4.0K // -1.0	HC45/3
45N15 B	4	3	±7.50	40	±30.0	1.0	3.0	70	±500 - ±1000	4.0K // -1.0	HC45/3x2
70.0 MHz											
70N15 A	2	3	±7.5	15	±30.0	1.0	2.0	35	±500 - ±1000	2.0K // -1.0	HC45/3
70N15 B	4	3	±7.5	25	±25.0	1.0	3.0	70	±500 - ±1000	2.0K // -1.0	HC45/3x2
70N20 A	2	3	±10.0	15	±40.0	1.0	2.0	35	±500 - ±1000	2.5K // -1.0	HC45/3
70N20 B	4	3	±10.0	35	±40.0	1.0	3.0	70	±500 - ±1000	2.5K // -1.0	HC45/3x2
Monolithic Filters (50 Ohms)											
21.4 MHz											
P21N7A	2	3	±3.75	20	±18.0	0.5	1.5	35	±350 ~ ±1000	50 / 50	1.00 x 0.5 x .40 - .750
P21N7B	4	3	±3.75	40	±14.0	1.0	2.5	65	±350 ~ ±1000	50 / 50	1.00 x 0.5 x .40 - .750
P21N15A	2	3	±7.5	18	±25.0	0.5	1.5	35	±350 ~ ±1000	50 / 50	1.00 x 0.5 x .40 - .750
P21N15B	4	3	±7.5	40	±25.0	1.0	2.5	65	±350 ~ ±1000	50 / 50	1.00 x 0.5 x .40 - .750
P21N15C	6	3	±7.5	65	±25.0	2.0	2.5	65	±25 ~ ±300	50 / 50	1.00 x 0.5 x .40 - .750
P21N30A	2	3	±15	15	±45.0	0.5	1.5	35	±350 ~ ±1000	50 / 50	1.00 x 0.5 x .40 - .750
P21N30B	4	3	±15	40	±50.0	1.0	2.5	65	±350 ~ ±1000	50 / 50	1.00 x 0.5 x .40 - .750
P21N30C	6	3	±15	65	±50.0	2.0	2.5	65	±50 ~ ±300	50 / 50	1.00 x 0.5 x .40 - .750
45.0 MHz											
P45N15B	4	3	±7.5	30	±30.0	1.0	3.0	70	±500 ~ ±1000	50 / 50	1.00 x 0.5 x .40 - .750
P45N30A	2	3	±15.0	15	±50.0	1.0	2.0	35	±500 ~ ±1000	50 / 50	1.00 x 0.5 x .40 - .750
P45N30B	4	3	±15.0	40	±60.0	1.0	3.0	70	±500 ~ ±1000	50 / 50	1.00 x 0.5 x .40 - .750

Contact factory with your specific requirements. For NIC's screening capabilities, refer to page 3.

