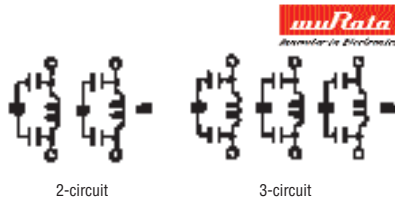
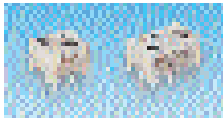


Pi-Style BNP Series



- Compact PCB mounting dc power filters incorporating ferrite bead inductors and feed-through capacitors
- Available in two and three circuit styles suitable for multiple supply lines
- They provide excellent attenuation over a wide frequency range of 15MHz to 1GHz and are suitable for use in high impedance circuits.
- Typical applications include the suppression of noise in signal lines and dc power sources in engine control units, digital equipment, computer terminals and car electronics.

Rating 10A @ 50V
 Insulation resistance 100MΩ
 Operating temperature -40°C to +100°C

No. of Circuits	H	W	D	Attenuation dB (50Ω System)				Mfrs. List No.	Order Code
				1MHz	10MHz	100MHz	1GHz		
2	12.0	12.0	11.0	5	35	70	55	BNP002-02	108-271
3	12.0	17.0	11.0	5	35	70	55	BNP002-03	108-272

FIL36

No. of Circuits	Order Code	Price Each				
		1+	10+	25+	50+	100+
2	.108-271					
3	.108-272					

Signal Line Noise Filters

NFM51R Series



- Chip suppression filter, suitable for high speed digital circuits where signal harmonics are prone to becoming sources of noise
- Effective in applications where signal and noise frequencies are close to each other
- Applications include noise suppression in high speed processing circuits, high frequency clock and RGB circuits.

Rating 200mA @ 25Vdc
 Operating temperature -40°C to +85°C
 Reel quantity 2000 pcs

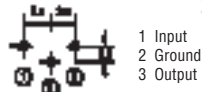
Cut-off Frequency	MHz	10MHz	20MHz	50MHz	100MHz	200MHz	500MHz	1GHz	Mfrs. List No.	Order Code
20	-	*	5	25	25	30	30	NFM51R00P206T1	869-983	
50	-	-	*	10	30	30	30	NFM51R00P506T1	869-995	
100	-	-	-	*	5	20	30	NFM51R00P107T1	870-006	
200	-	-	-	-	*	10	30	NFM51R00P207T1	870-018	
500	-	-	-	-	-	*	10	NFM51R00P507T1	870-020	

* 6dB Max.

FIL195

Order Multiple=5	Order Code	Price Each					
		5+	50+	100+	500+	1000+	2000+
NFM51R	All Values						

NFV510/NFV610 Series



H = 13, W = 13, D = 6.5

- High performance, high speed three terminal filters designed to suppress noise in signal lines without causing distortion to the original signal
- NFV510 series is primarily designed for use with any analogue signal line (e.g. RGB) whilst the NFV610 series is primarily designed for use with any digital signal line (e.g. computers, digital TV/audio, telecommunications, automotive).

Rating 200mA @ 100V
 Operating temperature -25°C to +85°C

Cut-off Frequency (MHz)	Attenuation (dB) (50Ω System)					Mfrs. List No.	Order Code
	10MHz	50MHz	100MHz	200MHz	500MHz		
10	6	40	45	40	15	NFV510-655T2A106	869-545
20	0	25	45	50	20	NFV510-655T2A206	294-378
50	0	0	15	40	20	NFV510-655T2A506	294-380
100	0	0	6	3	15	NFV510-655T2A107	869-557
10	0	10	20	35	25	NFV610-655T2A106	581-136
20	0	3	10	15	25	NFV610-655T2A206	294-391
50	0	0	3	10	25	NFV610-655T2A506	294-408
100	0	0	0	3	15	NFV610-655T2A107	581-148

FIL97

Cut-off Frequency (MHz)	Order Code	Price Each				
		1+	50+	100+	250+	1000+
NFV510 Series - Analogue						
10	.869-545					
20	.294-378					
50	.294-380					
100	.869-557†					
NFV610 Series - Digital						
10	.581-136					
20	.294-391					
50	.294-408†					
100	.581-148†					

†Available until stocks are exhausted

601 Series RC Network T-Filter



Standard H = 4.57, W = 7.87, L = 27.05
 Surface Mount H = 2.78, W = 10.34, L = 12.95
 Lead spacing = 2.54 8.64 Lead spacing = 1.27 10.34

- Low pass noise filters designed to filter out the high frequency noise content of digital signals at board level
- Can be used to filter a maximum of eight signal lines
- Flame retardant case to **UL94V-0**.

Voltage rating 50V
 Resistance temperature coefficient ±300ppm/°C
 Capacitance voltage 25V
 Capacitance tolerance ±30%
 Capacitance temperature coefficient Z5U

pF	Ω	Attenuation (dB)					Mfrs. List No.	Order Code
		10MHz	20MHz	100MHz	200MHz	1GHz		
50	25	3dB	4dB	7dB	14dB	19dB	4120R-601-250/500	287-076
200	25	4dB	7dB	15dB	40dB	17dB	4120R-601-250/201	287-088
50	25	3dB	4dB	7dB	14dB	19dB	4420P-601-250/500	508-585
200	25	4dB	7dB	15dB	40dB	17dB	4420P-601-250/201	508-597

FIL98

pF	Ω	Order Code	Price Each				
			1+	25+	50+	100+	250+
Standard							
50	25	287-076					
200	25	287-088					
Order Multiple=5							
Surface Mount			5+	25+	50+	100+	250+
50	25	SMD 508-585					
200	25	SMD 508-597					

Continued

Any Questions?

Our technical help desk will provide the answers, free of charge.
 Please call (65) 788 1922
 or e-mail singapore-technical@farnell.com