

- 3 terminal surface mount capacitor with ferrite bead on input and output leads
- High current rating and low DC resistance make them suitable for suppression of DC power rails
- Flow or reflow solder except 869-909 which can only be reflow soldered

NFE31Series			
Voltage rating	25V dc	Current rating	6A dc
Insulation resistance	1000MR	DC resistance	0.01Ω
Operating temperature	-40°C to +85°C	Reel quantity	2000 pcs
Capacitance pF	Tolerance %	Mfrs. List No.	Order Code
100	+80 -20%	NFE31PT101C1E9L	952-8148
220	+50 -20%	NFE31PT221D1E9L	952-8164
470	+50 -20%	NFE31PT471F1E9L	952-8180
1500	+50 -20%	NFE31PT152Z1E9L	952-8156
2200	±50%	NFE31PT222Z1E9L	952-8172

NFE61Series			
Voltage rating	50V dc	Current rating	2A
Insulation resistance	1000MR	Quantity	2500 pcs
Operating temperature	-25°C to +85°C		
Capacitance pF	Tolerance %	Mfrs. List No.	Order Code
100	±30%	NFE61PT101Z1H9L	952-8199
1000	±80%	NFE61PT102E1H9L	952-8202
4700	+80 -20%	NFE61PT472C1H9L	952-8229

204098

Price Each						
Order Code	5+	50+	100+	500+	+	+
NFE31Series All Values	67.00	50.00	44.00	32.00	--	--
NFE61Series All Values	71.00	52.00	47.00	35.00	--	--

Contact Suppressors

RC Network – PCB Mounting and Flying Leads



PCB mounting
H=17.5
W=23.5
D=8.5
Lead pitch=20
Lead dia.=0.8
Lead length=15.

Flying leads
H=23
W=19
D=8.5
Lead pitch=15
Lead dia.=20 AWG
Lead length=100.

- RC Networks consisting of a capacitor in series with a high quality metal film resistor
- PCB mounting style or with flying leads
- Applications include suppression when switching reactive loads and as a snubber network in SCR and triac protection. Approved to VDE, SEMKO, DEMKO, NEMKO and CSA.
- UL recognised

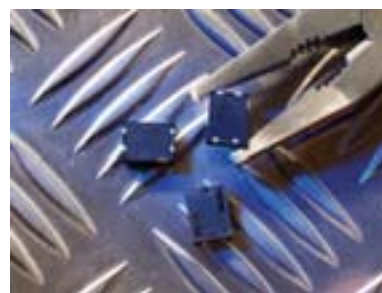
Power rating	0.5W @ 250V ac	Mfrs. List No.	XE1201 = 118-7649
Operating temperature	-40°C to +85°C		XEB1201 = 118-7659
Construction	C=0.1μF class X ±20% R=120Ω ±30%		

204237

Price Each						
Order Code	1+	50+	100+	500+	+	+
PCB Mounting	118-7649	159.00	139.00	127.00	90.00	--
Flying Leads	118-7659	226.00	199.00	184.00	133.00	--

DC Power Filters

Surface Mount - BNX Series



- Large rated current (10A) and Low DC Resistance
- High insertion loss characteristic over a wide frequency range of 1MHz to 1GHz
- Mounting area and volume is reduced
- Application includes Amusement equipment, PC and peripherals



Insulation Resistance	500MΩ		
Ratings (dc) Current (A)	Voltage (V)	Mfrs. List No.	Order Code
10	50	BNX022-01	111-4996

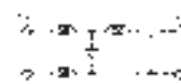
423515

Price Each					
Order Code	1+	10+	25+	50+	+
111-4996	380.00	317.00	246.00	238.00	--

Standard BNX Series



H=13.0, W=12.0, D=11.0



VS=Voltage supply
VC=Voltage circuit
PSG=Power supply ground
CG=Circuit ground



- Compact PCB mounting dc power filters incorporating a large value four terminal capacitor, a feed-through capacitor and ferrite bead inductors
- Provides excellent attenuation over a very wide frequency band.
- Typical applications include the suppression of noise in digital equipment, engine control units, computer terminals and the output lines of switching power supplies.

Ratings (dc) Current (A)	Voltage (V)	Dielectric Strength (V)	Insertion Loss	Mfrs. List No.	Order Code
10	50	125	1MHz - 1GHz	BNX002-01	952-6943
10	150	375	5MHz - 1GHz	BNX003-01	952-6951
15	50	125	1MHz - 1GHz	BNX005-01	952-6960

Insulation Resistance 100MΩ Insertion Loss 40dB min

204212

Price Each					
Order Code	1+	10+	25+	50+	+
952-6943	326.00	290.00	265.00	237.00	--
952-6951	364.00	333.00	308.00	243.00	--
952-6960	459.00	406.00	370.00	352.00	--

SMD Inductors

MLS Series



0603 case size: L=1.6±0.15, W=0.8±0.15, H=0.74±0.15, Tape width=8.0, Reel=4000pcs
0805 case size: L=2.0±0.2, W=0.8±0.2, H=0.74±0.2, Tape width=8.0, Reel=3000pcs
1206 case size: L=3.2±0.2, W=1.6±0.2, H=1.1±0.2, Tape width=8.0, Reel=3000pcs
1806 case size: L=4.5±0.25, W=1.6±0.25, H=1.6±0.25, Tape width=12, Reel=2000pcs



- Ferrite chip bead suppressors
- 0603, 0805, 1206 and 1806 case sizes
- Suitable for EMI/RFI attenuation in electronic equipment
- Applications include computers, audio/video, automotive, digital communications, mobile phones etc.

Case Size	Impedance @ 100MHz (Ω)	Rated Current Max. (mA)	DC Resistance Max. (Ω)	Mfrs. List No.	Order Code
0603	60	300	0.4	MLS0603-4S7-600	305-6491
0603	120	200	0.8	MLS0603-4S7-121	305-6466
0603	150	200	0.9	MLS0603-4S7-151	305-6478
0603	300	150	1.2	MLS0603-4S7-301	305-6480
0603	600	150	1.8	MLS0603-4S7-601	305-6508
0805	30	600	0.1	MLS0805-4S4-300	305-6510
0805	60	400	0.2	MLS0805-4S4-600	305-6521
0805	120	300	0.3	MLS0805-4S7-121	305-6545
0805	300	200	0.3	MLS0805-4S7-301	305-6557
0805	600	200	0.6	MLS0805-4S7-601	305-6569
0805	1000	150	0.8	MLS0805-4S7-102	305-6533
1206	30	600	0.1	MLS1206-4S4-300	305-6582
1206	70	400	0.2	MLS1206-4S4-700	305-6600
1206	90	400	0.2	MLS1206-4S4-900	305-6612
1206	120	300	0.2	MLS1206-4S4-121	305-6570
1206	600	200	0.4	MLS1206-4S4-601	305-6594
1206	1000	150	0.6	MLS1206-4S7-102	305-6624
1806	80	600	0.1	MLS1806-4S4-800	305-6648
1806	150	500	0.2	MLS1806-4S4-151	305-6636

204194

Price Each						
Case size	Order Code	1+	30+	100+	300+	+
0603	All Values	21.00	18.00	16.00	9.00	--
0805	All Values	19.00	17.00	16.00	12.00	--
1206	All Values	19.00	17.00	16.00	12.00	--
1806	All Values	37.00	30.00	26.00	14.00	--

Solid Inductor – Surface Mount



- Solid ferrite inductor, designed to reduce spurious oscillations in high frequency amplifiers.



List No.	Impedance. Ω @ 100MHz	Rated Current (mA)	DC Resistance (Ω max.)	L	W	H
BLM31AF700SN1L	70	200	0.5	3.2	1.6	1.1
BLM31AJ601SN1L	600	200	1	3.2	1.6	1.1
BLM41AF151SN1L	150	200	0.7	4.5	1.6	1.6
BLM41PG600SN1L	60	6000	0.01	4.5	1.6	1.6
BLM41PG750SN1L	75	3000	0.03	4.5	1.6	1.6