



Chokes for Power Lines D Core Chokes (Cont.)



Fig.	Inductance (µH)	DC Res. Typical (Ω)	Current Rating (mA)	Digi-Key Part No.	Price Each			Epcos Part No.
					1	10	100	
2	3300	0.11	2200	495-2779-ND	2.18	1.64	1.27	B82732R2222B30
	6800	0.19	1700	495-2778-ND	2.18	1.64	1.27	B82732R2172B30
	10000	0.3	1400	495-2777-ND	2.18	1.64	1.27	B82732R2142B30
	15000	0.44	1100	495-2776-ND	2.18	1.64	1.27	B82732R2112B30
	27000	0.75	900	495-2782-ND	2.18	1.64	1.27	B82732R2901B30
	39000	1.1	700	495-2781-ND	2.18	1.64	1.27	B82732R2701B30
47000	1.4	600	495-2780-ND	2.18	1.64	1.27	B82732R2601B30	

Fig.	Inductance (µH)	DC Res. Typical (Ω)	Current Rating (mA)	Digi-Key Part No.	Price Each			Epcos Part No.
					1	10	100	
3	3300	0.046	4600	495-2796-ND	3.74	2.81	2.19	B82734R2462B30
	6800	0.085	3200	495-2795-ND	3.74	2.81	2.19	B82734R2322B30
	10000	0.13	2600	495-2794-ND	3.74	2.81	2.19	B82734R2262B30
	15000	0.185	2300	495-2793-ND	3.74	2.81	2.19	B82734R2232B30
	27000	0.32	1700	495-2792-ND	3.74	2.81	2.19	B82734R2172B30
	39000	0.46	1400	495-2791-ND	3.74	2.81	2.19	B82734R2142B30
47000	0.56	1300	495-2790-ND	3.74	2.81	2.19	B82734R2132B30	

FC Core Chokes

Construction: • Current-compensated double choke • Closed magnetic circuit with frame construction
• 4-section winding with direct winding of the core
Features: • High inductance with low resistance • Excellent differential-mode suppression • Low height

allows usage in lamp ballasts • High pulse-handling capability

Specifications: • Rated voltage: 250VAC • Test voltage: 1500VAC for 2 seconds (line/line) • Inductance tolerance: ±30%

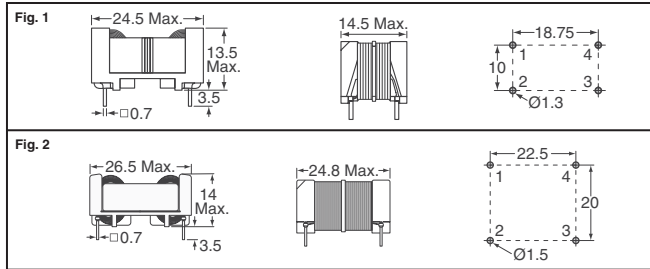


Fig.	Inductance (µH)	DC Res. Typical (Ω)	Current Rating (mA)	Digi-Key Part No.	Price Each			Epcos Part No.
					1	10	100	
1	10000	0.29	1600	495-2770-ND	2.22	1.67	1.30	B82732F2162B001
	15000	0.43	1300	495-2769-ND	2.22	1.67	1.30	B82732F2132B001
	27000	0.77	900	495-2775-ND	2.22	1.67	1.30	B82732F2901B001
	39000	1.1	800	495-2774-ND	2.22	1.67	1.30	B82732F2801B001
	47000	1.26	700	495-2773-ND	2.22	1.67	1.30	B82732F2701B001
	68000	1.97	600	495-2772-ND	2.22	1.67	1.30	B82732F2601B001
100000	2.93	450	495-2771-ND	2.22	1.67	1.30	B82732F2451B001	
2	10000	0.188	2300	495-2787-ND	2.34	1.76	1.37	B82733F2232B001
	15000	0.279	1900	495-2786-ND	2.34	1.76	1.37	B82733F2192B001
	27000	0.44	1400	495-2785-ND	2.34	1.76	1.37	B82733F2142B001
	39000	0.696	1200	495-2784-ND	2.34	1.76	1.37	B82733F2122B001
	47000	0.804	1100	495-2783-ND	2.34	1.76	1.37	B82733F2112B001
	68000	1.1	900	495-2789-ND	2.34	1.76	1.37	B82733F2901B001
100000	1.81	700	495-2788-ND	2.34	1.76	1.37	B82733F2701B001	

Power Line Filters

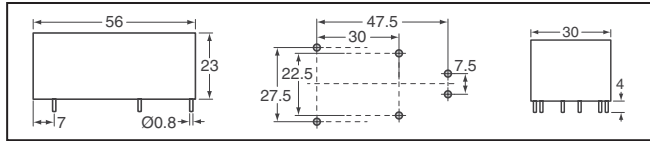
B84110A Series



Features: • High insertion loss • Cost-effective solution

Applications: • Medium-performance switch-mode power supplies • Data systems, gambling machines, small-size equipment • DC applications

Specifications: • Rated voltage: 250VDC/AC @ 50/60Hz • Test voltage: 1414VDC for 2 seconds (line/line); 2700VDC for 2 seconds (lines/ground) • Climatic category (IEC 60068-1): 25/100/21



Rated Voltage (VAC/DC)	Current Rating (A)	Rated Inductance (mH)	Digi-Key Part No.	Price Each			Epcos Part No.
				1	10	100	
250	0.5	2 x 39	495-2800-ND	7.27	6.37	5.28	B84110A0000A005
	1	2 x 10	495-2797-ND	7.43	6.50	5.39	B84110A0000A010
	2	2 x 5.6	495-2798-ND	7.56	6.62	5.49	B84110A0000A020
	4	2 x 2.7	495-2799-ND	7.56	6.62	5.49	B84110A0000A040

B84112G Series



Features:
• Compact Design
• Optimized leakage current

Applications:

• Switch-mode power supplies in industrial electronics, telecommunications, data systems and medical equipment
• DC Applications

Specifications:

• Test voltage: 1414VDC for 2 seconds (line/line); 2700VDC for 2 seconds (lines/case)
• Climatic category (IEC 60068-1): 25/100/21

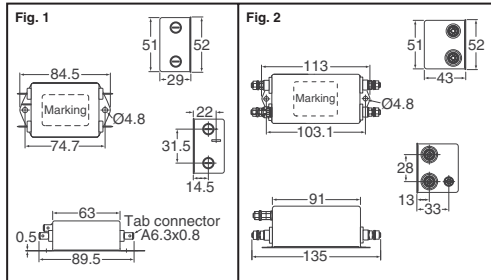


Fig.	Rated Voltage @ 50/60Hz (VAC/DC)	Current Rating (A)	Rated Inductance (mH)	Digi-Key Part No.	Price Each			Epcos Part No.
					1	10	100	
1	250	3	2 x 10	495-2803-ND	14.04	12.29	10.19	B84112G0000B030
		6	2 x 3.3	495-2804-ND	14.33	12.55	10.40	B84112G0000B060
		10	2 x 1.8	495-2801-ND	15.75	13.79	11.42	B84112G0000B110
		16	2 x 1.8	495-2802-ND	18.01	15.76	13.06	B84112G0000B116
2	250	20	2 x 1.8	495-2805-ND	34.83	30.48	25.26	B84112G0000G120
		25	2 x 1.6	495-2806-ND	38.30	33.52	27.77	B84112G0000G125
		36	2 x 0.75	495-2807-ND	42.13	36.87	30.55	B84112G0000G136

B84113H Series



Features:
• Low leakage current
• Compact Design

Applications:

• Switch-mode power supplies in industrial electronics, telecommunications, data systems and medical engineering

Specifications:

• Test voltage: 1414VDC for 2 seconds (line/line); 2700VDC for 2 seconds (line/ground)
• Climatic category (IEC 60068-1): 25/100/21

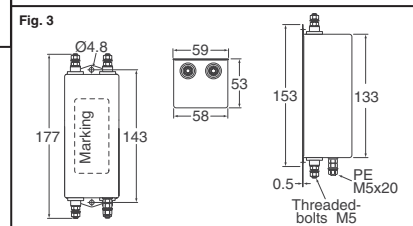
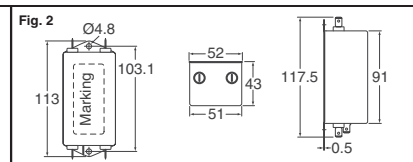
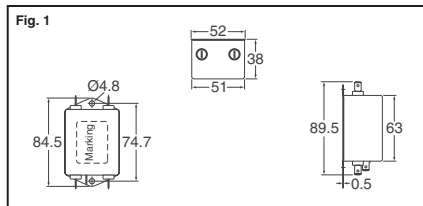


Fig.	Rated Voltage @ 50/60Hz (VAC)	Current Rating (A)	Rated Inductance (mH)	Digi-Key Part No.	Price Each			Epcos Part No.
					1	10	100	
1	250	3	4 x 5.9	495-2810-ND	16.93	14.82	12.28	B84113H0000B030
		6	4 x 3.6	495-2811-ND	19.06	16.68	13.82	B84113H0000B060
2	250	10	4 x 3.9	495-2808-ND	20.27	17.74	14.70	B84113H0000B110
		16	4 x 1.3	495-2809-ND	23.18	20.29	16.81	B84113H0000B116
3	250	20	4 x 1.2	495-2812-ND	56.18	49.16	40.73	B84113H0000G120
		25	4 x 0.8	495-2813-ND	61.79	54.07	44.80	B84113H0000G125

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