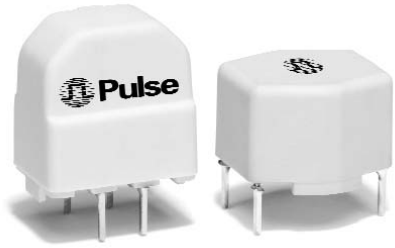






# CURRENT COMPENSATED NOISE SUPPRESSION CHOKES

## FE 2X Series - 2 Phase Common Mode Choke



-  Complies with VDE 565-2
-  Materials meet UL-94V0 requirements
-  Rated voltage: 250 Vac
-  Withstanding voltage: 1500 Vac

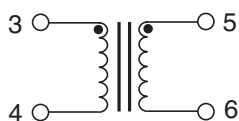
### Electrical Specifications @ 25°C — Operating Temperature 0°C to 60°C

Part Number (Vertical)	Part Number (Horizontal)	L (mH ±30%)	Current (A)	DCR (Ω ±20%)	Resonance (kHz)
FE2X03-3-2	FE2X03-3-3	3.3	1.50	0.17	800
FE2X03-4-2	FE2X03-4-3	3.3	2.50	0.07	700
FE2X03-5-2	—	3.3	2.80	0.06	700
FE2X03-6-2	—	3.3	4.00	0.06	700
—	FE2X03-8-3	3.3	8.00	0.028	700
FE2X07-3-2	FE2X07-3-3	6.8	1.20	0.30	400
FE2X07-5-2	FE2X07-5-3	6.8	2.00	0.14	450
FE2X07-6-2	—	6.8	2.20	0.17	450
FE2X10-3-2	FE2X10-3-3	10	0.70	0.55	350
FE2X10-4-2	FE2X10-4-3	10	1.20	0.30	350
FE2X10-5-2	—	10	1.60	0.21	300
FE2X10-6-2	—	10	1.80	0.20	300
FE2X15-3-2	FE2X15-3-3	15	0.50	0.77	300
FE2X15-4-2	—	15	1.00	0.40	220
FE2X18-6-2	—	18	1.40	0.28	200
FE2X27-3-2	FE2X27-3-3	27	0.40	1.70	180
FE2X27-4-2	FE2X27-4-3	27	0.70	0.62	180
FE2X39-3-2	FE2X39-3-3	39	0.35	2.00	160
FE2X39-4-2	FE2X39-4-3	39	0.50	1.12	160
FE2X39-5-2	—	39	0.70	1.00	160
FE2X47-3-2	—	47	0.30	2.30	150
FE2X47-4-2	—	47	0.40	1.30	150

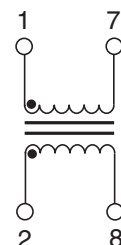
NOTE: Part Numbering System: FEXLV-S-P, where LV is the inductance value, S is the size code, and P is package style (2 = vertical and 3 = horizontal)

## Schematics

Style 2 - Vertical Package



Style 3 - Horizontal Package



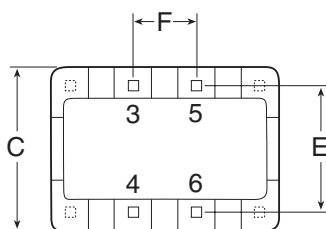
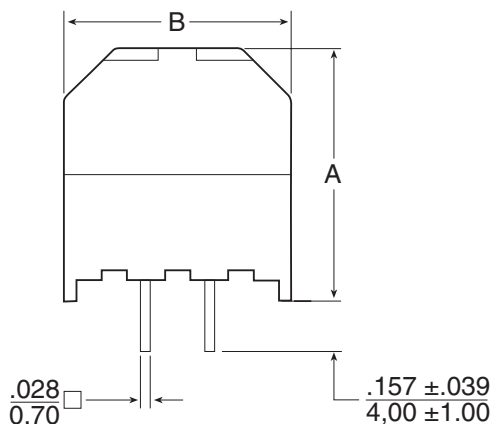
# CURRENT COMPENSATED NOISE SUPPRESSION CHOKES

## FE 2X Series - 2 Phase Common Mode Choke



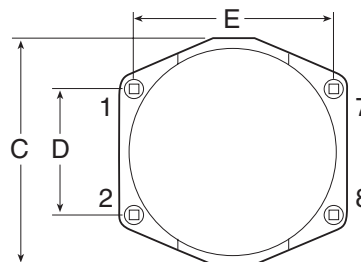
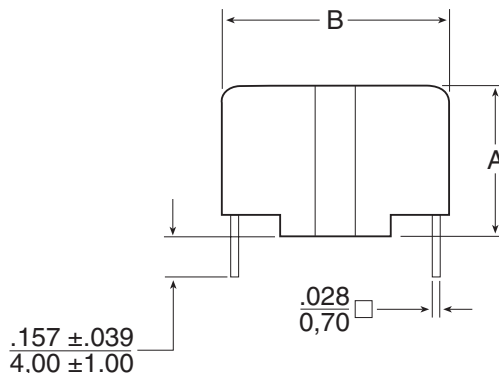
### Mechanicals

Style 2 - Vertical Package



PINS VIEW

Style 3 - Horizontal Package



PINS VIEW

Dimensions: Inches  
mm

Size Code	A MAX	B MAX	C MAX	E	F
3	.803 20,40	.724 18,40	.528 13,40	.394 10,00	.197 5,00
4	1.000 25,40	.921 23,40	.626 15,90	.492 12,50	.394 10,00
5	1.197 30,40	1.079 27,40	.724 18,40	.591 15,00	.492 12,50
6	1.394 35,40	1.276 32,40	.724 18,40	.591 15,00	.492 12,50

NOTE: Tolerances for E & F are ±.010 / 0,25

Size Code	A MAX	B MAX	C MAX	D	E
3	.508 12,90	.705 17,90	.705 17,90	.394 10,00	.591 15,00
4	.606 15,40	.902 22,90	.902 22,90	.492 12,50	.787 20,00
5	.705 17,90	1.098 27,90	1.098 27,90	.591 15,00	.984 25,00
8	1.000 25,40	1.709 43,40	1.669 42,40	.591 15,00	1.575 40,00

NOTE: Tolerances for D & E are ±.010 / 0,25

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