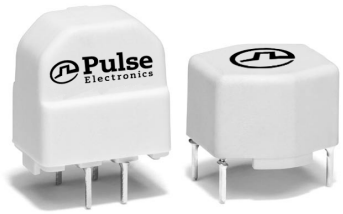
Current Compensated Noise Suppression Chokes

FE 2X Series - 2 Phase Common Mode Choke



- *Materials meet UL-94 V-0 requirements*
- ***Rated voltage:** 250 Vac*
- *Dielectric withstanding voltage: 1500 Vac*

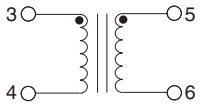
Electrical Specifications @ 25°C - Operating Temperature -40°C to +125°C					
Part Number (Vertical)	**Part Number** (Horizontal)	**L** (mH ±30%)	**Current** (A)	**DCR** (mOhms Max)	**SRF** (kHz Min)
FE2X03-3-2NL	***FE2X03-3-3NL**	3.3	1.50	215	760
FE2X03-4-2NL	**FE2X03-4-3NL**	3.3	2.50	90	400
FE2X03-6-2NL	**-**	3.3	4.00	80	600
-	**FE2X03-8-3NL**	3.3	8.00	33	700
FE2X07-3-2NL	**FE2X07-3-3NL**	6.8	1.20	390	400
FE2X07-5-2NL	**-**	6.8	2.00	170	400
FE2X10-3-2NL	**FE2X10-3-3NL**	10	0.70	740	300
FE2X10-4-2NL	**-**	10	1.20	410	350
FE2X10-6-2NL	**-**	10	1.80	240	300
FE2X15-3-2NL	**-**	15	0.50	960	300
FE2X18-6-2NL	**-**	18	1.40	650	200
FE2X27-3-2NL	**FE2X27-3-3NL**	27	0.40	1700	180
-	**FE2X27-4-3NL**	27	0.70	820	150
FE2X39-3-2NL	**FE2X39-3-3NL**	39	0.35	2600	200
FE2X39-4-2NL	**FE2X39-4-3NL**	39	0.50	1500	160
FE2X47-4-2NL	**-**	47	0.40	1700	150

Notes:

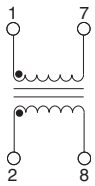
1. Part Numbering System: **FE2XLV-S-P**, where **LV** is the inductance value, **S** is the size code, and **P** is package style (2 = vertical and 3 = horizontal)
2. Part numbers with NL suffix are RoHS 6/6 compliant.
3. * This part may be produced in black and may appear different from the product photo.

Schematics

Style 2 - Vertical Package



Style 3 - Horizontal Package



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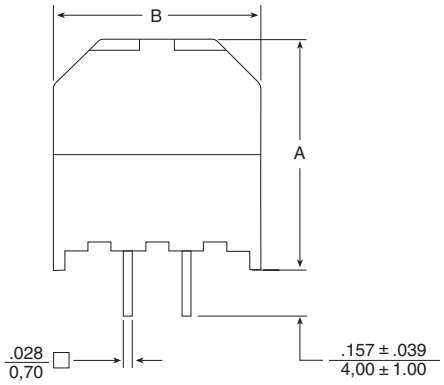
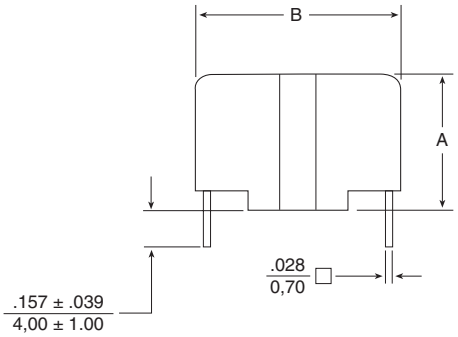
FE 2X Series - 2 Phase Common Mode Choke

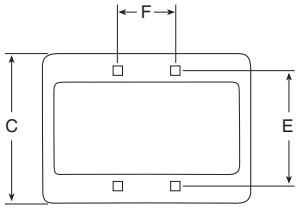
Mechanicals

Style 2 - Vertical Package



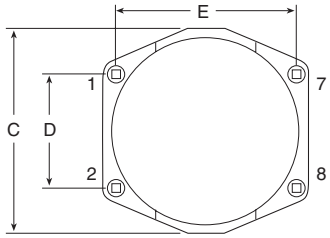
Style 3 - Horizontal Package





PINS VIEW

Dimensions: Inches / mm



PINS VIEW

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 23,4	.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

Notes: 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

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

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