

Single & Multi-Line Surface Mount Chokes

Steward's board mounted ferrite products provide economical EMI filtering of differential & common mode noise. Some sizes are also available in through-hole applications in surface mount and through-hole PCB applications. Their rugged construction provides superior protection against transient events as well as much higher peak current handling capability than other EMI suppression devices.

Features:

- Up to 10A current rating
- Most economical components for filtering either single line or groups of signals
- Can be used as multi-turn device
- Parts available in broad band, low frequency and high frequency materials

PART NUMBERING SYSTEM					
28	F	0121	-	1	S
MATERIAL TYPE	PRODUCT CODE	PART SIZE CODE	SELECTED DIMENSION (Usually Height)	ADDITIONAL DESCRIPTION	PACKAGING OR FINISH CODE

PART NUMBER	# of Lines	Fig #	A mm (inches)	B mm (inches)	C mm (inches)	D mm (inches)	E mm (inches)	Typical Impedance (Ohms)		RATED I MAX (Continuous) mA
								25 Material @ 300 MHz	28 & 29 Material @ 100 MHz	
__F0121-1SR*	1	1	3.05 ± 0.10 (0.120 ± 0.004)	2.74 ± 0.13 (0.108 ± 0.005)	8.51 ± 0.25 (0.335 ± 0.010)	1.46 ± 0.06 (0.058 ± 0.003)	1.27 ± 0.05 (0.050 ± 0.005)	106		5,000
__F0121-0SR*	1	1	3.05 ± 0.10 (0.120 ± 0.004)	2.74 ± 0.13 (0.108 ± 0.005)	4.06 ± 0.25 (0.160 ± 0.010)	1.46 ± 0.06 (0.058 ± 0.003)	1.27 ± 0.05 (0.050 ± 0.005)	52		5,000
__F0181-1SR*	1	1	4.57 ± 0.10 (0.180 ± 0.004)	2.74 ± 0.13 (0.108 ± 0.005)	8.51 ± 0.25 (0.335 ± 0.010)	1.46 ± 0.06 (0.058 ± 0.003)	1.27 ± 0.05 (0.050 ± 0.005)	133		5,000
__F0418-0SR	4	4	6.10 ± 0.10 (0.240 ± 0.004)	4.50 ± 0.08 (0.117 ± 0.003)	2.92 ± 0.08 (0.115 ± 0.003)	2.24 ± 0.08 (0.088 ± 0.003)	1.27 ± 0.08 (0.05 ± 0.003)	77	83	6,000
__F0418-1SR	4	4	6.10 ± 0.10 (0.240 ± 0.004)	4.50 ± 0.08 (0.117 ± 0.003)	4.19 ± 0.08 (0.165 ± 0.003)	2.24 ± 0.08 (0.088 ± 0.003)	1.27 ± 0.08 (0.05 ± 0.003)	120	119	6,000
__F0428-0T0	4	3	10.88 ± 0.15 (0.428 ± 0.006)	10.88 ± 0.15 (0.428 ± 0.006)	10.14 ± 0.15 (0.399 ± 0.006)	7.62 ± 0.13 (0.300 ± 0.005)	2.54 ± 0.05 (0.100 ± 0.002)	385	342	10,000
__F0429-0T0	4	2	10.88 ± 0.15 (0.428 ± 0.006)	5.49 ± 0.08 (0.216 ± 0.003)	10.00 ± 0.15 (0.394 ± 0.006)	2.54 ± 0.05 (0.100 ± 0.002)	2.54 ± 0.05 (0.100 ± 0.002)		285	10,000
__F0430-2SR	4	4	10.87 ± 0.15 (0.428 ± 0.006)	10.87 ± 0.15 (0.428 ± 0.006)	6.35 ± 0.13 (0.250 ± 0.005)	7.62 ± 0.13 (0.300 ± 0.005)	2.54 ± 0.05 (0.100 ± 0.002)	255	200	9,000

F0318 or F0330 for 3 lines
F0530 for 5 lines
F0818 for 8 lines

* Single lines available 25, 28, & 35 (low frequency) materials.
Multi-lines available in 25 & 29 materials.

FIGURE 1

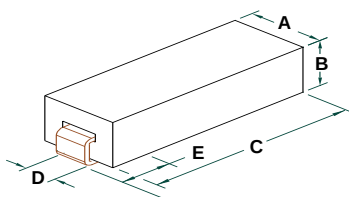


FIGURE 2

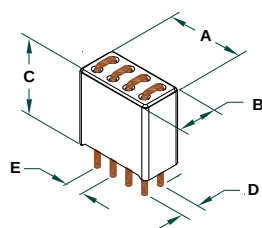


FIGURE 3

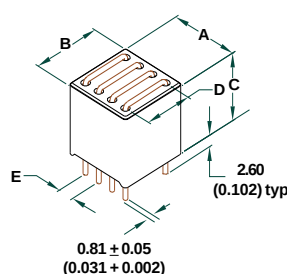


FIGURE 4

