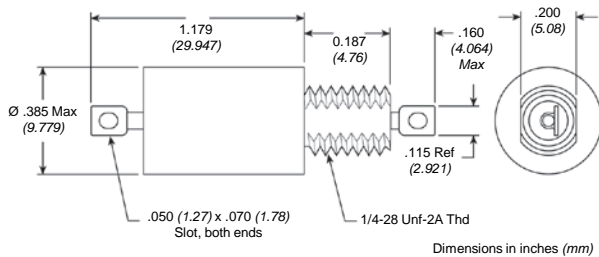
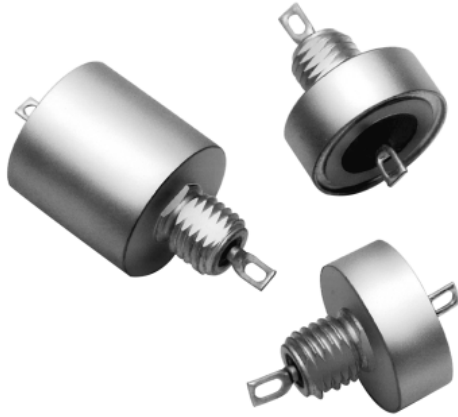


# Transient Suppression EMI Filters

Pi filter with a transient suppressor at the input of the filter



## Features

- Supplies high frequency performance with added protection to safeguard the circuits from voltage spike on the line
- Ensures maximum reliability of equipment without interfering with data transmission
- Maintains signal quality even at high transmission frequencies
- Custom designs available

## Applications

- Defense and telecommunications
- Aerospace
- DC motors
- Power supplies
- Medical equipment
- Industrial control systems
- Transceivers

## Part Numbers

Part Number	Volt VDC	I Amp	Min Cap $\mu$ F	DCR Min mOhm	Max RDC Ohm	Transient Suppressor*				Minimum Insertion Loss (dB)					
						VR VDC	BV VDC	IT MA	IPP A	30 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
51-570-300	5	0.5	1.4	0.50	0.600	6.5	7.22/7.98	10	44.7	23	57	70	70	70	70
51-570-301	5	1.0	1.4	0.50	0.350	6.5	7.22/7.98	10	44.7	3	47	70	70	70	70
51-570-302	5	3.0	1.4	0.50	0.060	6.5	7.22/7.98	10	44.7	-	23	58	70	70	70
51-570-303	5	5.0	1.4	0.50	0.015	6.5	7.22/7.98	10	44.7	-	17	48	70	70	70
51-570-304	5	10.0	1.4	0.50	0.005	6.5	7.22/7.98	10	44.7	16	26	35	40	40	70
51-570-310	28	0.5	1.4	30.0	0.600	33.0	36.7/40.6	1	9.4	23	57	70	70	70	70
51-570-311	28	1.0	1.4	30.0	0.350	33.0	36.7/40.6	1	9.4	3	47	70	70	70	70
51-570-312	28	3.0	1.4	30.0	0.060	33.0	36.7/40.6	1	9.4	-	23	58	70	70	70
51-570-313	28	5.0	1.4	30.0	0.015	33.0	36.7/40.6	1	9.4	-	17	48	70	70	70
51-570-314	28	10.0	1.4	30.0	0.005	33.0	36.7/40.6	1	9.4	16	26	35	40	40	70
51-570-320	50	0.5	1.4	50.0	0.600	58.0	64.4/71.2	1	5.3	23	57	70	70	70	70
51-570-321	50	1.0	1.4	50.0	0.350	58.0	64.4/71.2	1	5.3	3	47	70	70	70	70
51-570-322	50	3.0	1.4	50.0	0.060	58.0	64.4/71.2	1	5.3	-	23	58	70	70	70
51-570-323	50	5.0	1.4	50.0	0.015	58.0	64.4/71.2	1	5.3	-	17	48	70	70	70
51-570-324	50	10.0	1.4	50.0	0.005	58.0	64.4/71.2	1	5.3	16	26	35	40	40	70

\*VR=Reverse standoff voltage; BV=Breakdown voltage; IPP=Max. peak pulse current; IT=Test current