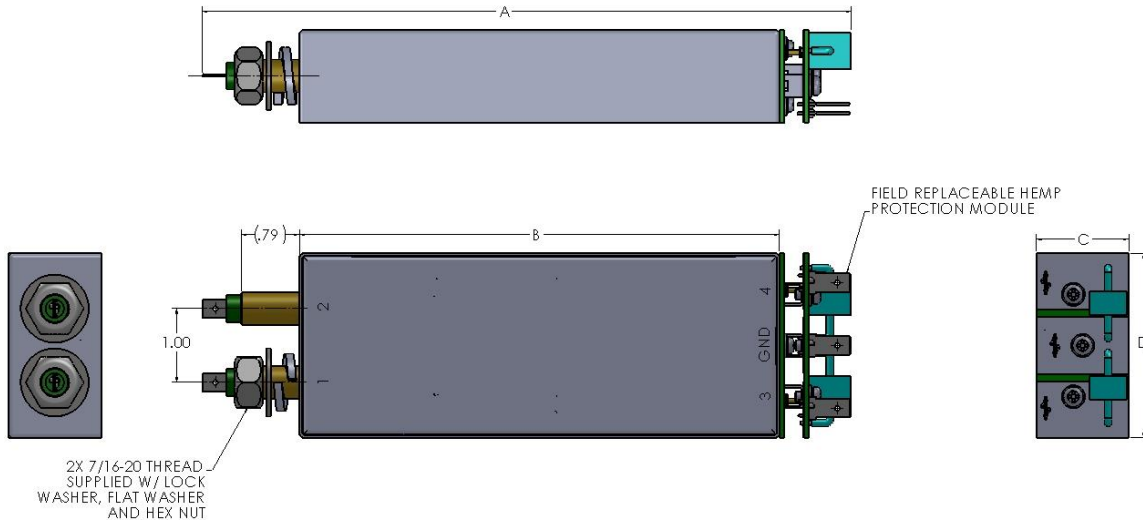


## Control/Signal Line HEMP Filters MIL-STD-188-125-1 and MIL-STD-188-125-2 compliant



### Specifications

◆ Voltage Rating	48 VDC or 120 VAC @ 0-60 Hz
◆ Visual/Mechanical	Per MIL-PRF-15733, paragraph 4.6.1
◆ Capacitance	Per MIL-STD-202, Method 305 @ 1 kHz
◆ Insulation Resistance	Per MIL-PRF-15733, paragraph 4.6.7 with Hemp Protection Module removed.
◆ Dielectric Withstanding Voltage	Per MIL-PRF-15733, paragraph 4.6.5 with Hemp Protection Module removed.
◆ Standard Insertion Loss	Per MIL-STD-220, 20dB 10 kHz, 80 dB 10 MHz to 10 GHz
◆ High Performance Insertion Loss	Per MIL-STD-220, 100dB 14 kHz – 10 GHz
◆ Terminal Strength	Per MIL-PRF-15733, paragraph 4.6.11
◆ Voltage Discharge	Discharge to less than 30 Volts within 2 seconds after removal of power
◆ Terminals	¼" Quick Connect Tab
◆ Operating Temperature	-55° C to +71° C
◆ Storage Temperature	-55° C to +105° C
◆ Chassis & Terminal Finish	Electro Tin-Lead
◆ Chassis Material	20 GA. Cold Rolled Steel



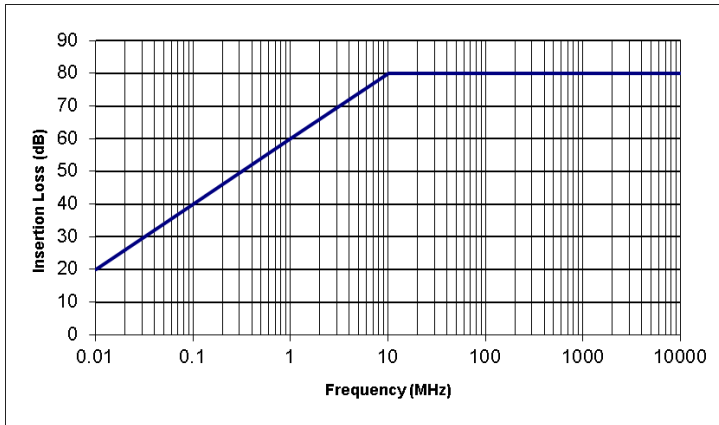
Control/Signal Line Filters per MIL-STD-188-1 and -2								
Part Number	Voltage	Current	Insertion Loss	Hemp Residual	Major Dimensions			
					A	B	C	D
A-10356	48 VDC	½ Amp	Curve 1	< 0.1 Amp	6.90	4.50	1.25	2.50
A-10357	48 VDC	2 Amp	Curve 1	< 0.1 Amp	6.90	4.50	1.50	2.50
A-10358	48 VDC	5 Amp	Curve 1	< 0.1 Amp	8.40	6.00	2.00	3.00
A-10360	120 VAC	½ Amp	Curve 1	< 1 Amp	6.40	4.00	1.25	2.50
A-10361	120 VAC	2 Amp	Curve 1	< 1 Amp	6.40	4.00	1.25	2.50
A-10362	120 VAC	5 Amp	Curve 1	< 1 Amp	10.40	8.00	1.50	2.50
A-10364	48 VDC	½ Amp	Curve 2	< 0.1 Amp	8.40	6.00	1.25	2.50
A-10365	48 VDC	2 Amp	Curve 2	< 0.1 Amp	8.40	6.00	1.50	2.50
A-10366	48 VDC	5 Amp	Curve 2	< 0.1 Amp	9.90	7.50	2.00	3.00
A-10368	120 VAC	½ Amp	Curve 2	< 1 Amp	7.40	5.00	1.25	2.50
A-10369	120 VAC	2 Amp	Curve 2	< 1 Amp	7.40	5.00	1.25	2.50
A-10370	120 VAC	5 Amp	Curve 2	< 1 Amp	11.40	9.00	1.50	2.50

**For compliance to E2 (intermediate pulse) add an "A" to the end of the part number (A-10356A)**

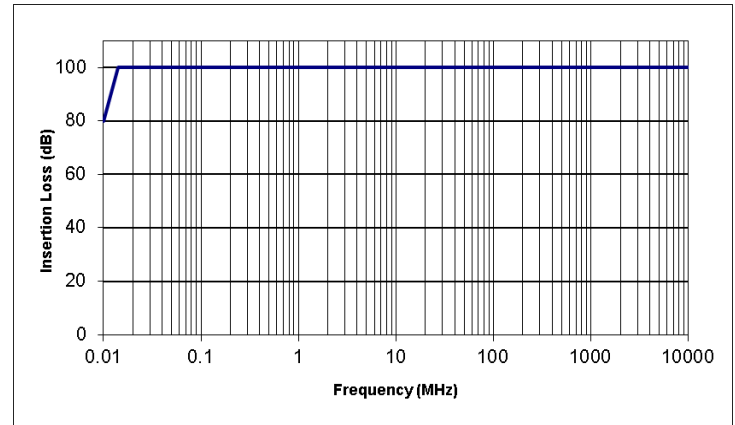
## Features

- Inductive input
- Individually filtered lines
- Standard performance and high performance insertion loss versions
- Captor can supply enclosures holding multiple filters.
- Field replaceable HEMP protection module.
- Custom options available

Curve 1, Minimum Insertion Loss



Curve 2, Minimum Insertion Loss



Frequency	I.L. (Minimum)
10 kHz	20 dB
100 kHz	40 dB
1 MHz	60 dB
10 MHz to 10 GHz	80 dB

Frequency	I.L. (Minimum)
14 kHz to 10 GHz	100 dB