

## Tempest Filters

- Compact, space-saving configurations offering high power performance
- Superior isolation achieved by utilizing Captor feedthru capacitors
- *Demanding Tempest Requirements?* **STOP YOUR SEARCH** and contact Captor



### Specifications

- |                                   |  |
|-----------------------------------|--|
| ◆ Voltage Rating                  | 120/230 VAC @ 60 Hz  |
| ◆ Visual/Mechanical               | Per MIL-F-15733, paragraph 4.6.1   |
| ◆ Capacitance                     | Per Mil-STD-202, Method 305 @ 1kHz   |
| ◆ Insulation Resistance           | 1500 MΩ minimum per MIL-STD-202, Method 302 (prior to installation of bleeder resistors) |
| ◆ Dielectric Withstanding Voltage | 1000 VDC line-to-line & line-to-chassis per MIL-STD-202, Method 301                      |
| ◆ Insertion Loss                  | Per MIL-STD 220, see insertion loss limits per individual spec sheets                    |
| ◆ Voltage Drop                    | Less than 1% of rated voltage per paragraph 4.6.8 of MIL-F-15733                         |
| ◆ Terminal Strength               | Per MIL-STD-202, Method 211  |
| ◆ Leakage Current                 | 5 mA maximum, measured per UL standard 1283 at 120 VAC, 60 Hz                            |
| ◆ Voltage Discharge               | Unit shall discharge to less than 30 VDC after removal or power                          |
| ◆ Operating Temperature           | -55° C to +71° C   |

▲ 2.5 Amp Standard Models	<u>A-6340</u>	<u>A-6340A</u>
▲ 5.0 Amp Standard Models	<u>A-6345</u>	<u>A-6345A</u>
▲ 10.0 Amp Standard Models	<u>A-6350</u>	<u>A-6350A</u>
▲ 15.0 Amp Standard Models	<u>A-8948</u>	<u>A-8948A</u>
▲ 20.0 Amp Standard Models	<u>A-8949</u>	<u>A-8949A</u>

### Can't find the correct part for your specific application?

Let us design the exact solution to solve your problem. Our solutions are more cost effective than some of our competitors "catalog" items.

- ◆ Higher Operating Frequency
- ◆ Higher Voltage and Current Ratings
- ◆ Custom chassis designs
- ◆ Custom terminations
- ◆ Application specific testing available upon request
- ◆ Custom Spec Sheets

Captor Part Number	Fig.	Current Rating Amps	A	B	C	Input Connection	Output Connection	Insertion Loss Curve
A-6340	1	2.5	4.25	3.25	2.00	IEC	Solder Terminals	Fig. 5
A-6340A	2	2.5	4.25	3.25	2.00	J1	Solder Terminals	Fig. 5
A-6345	1	5.0	4.75	4.00	2.25	IEC	Solder Terminals	Fig. 5
A-6345A	2	5.0	4.75	4.00	2.25	J1	Solder Terminals	Fig. 5
A-6350	1	10	6.00	4.00	2.50	IEC	Solder Terminals	Fig. 6
A-6350A	2	10	6.00	4.00	2.50	J1	Solder Terminals	Fig. 6
A-8948	3	15	6.00	6.00	3.00	IEC	8-32UNC-2A Terms	Fig. 6
A-8948A	4	15	6.00	6.00	3.00	J1	8-32UNC-2A Terms	Fig. 6
A-8949	3	20	9.00	6.00	4.00	IEC	8-32UNC-2A Terms	Fig. 6
A-8949A	4	20	9.00	6.00	4.00	J1	8-32UNC-2A Terms	Fig. 6

J1 is connector part number D38999/20WE6PN

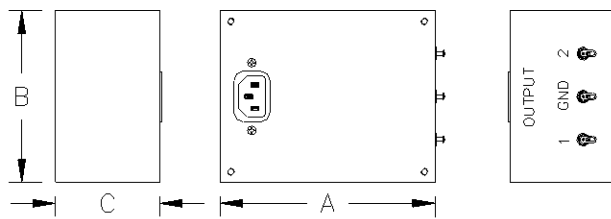


Figure 1

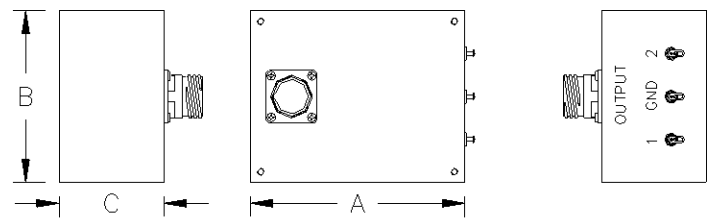


Figure 2

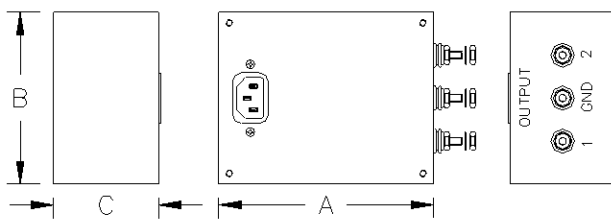


Figure 3

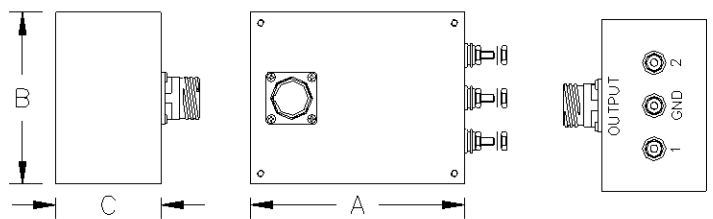


Figure 4

## Tempest Filters

Typical Insertion Loss

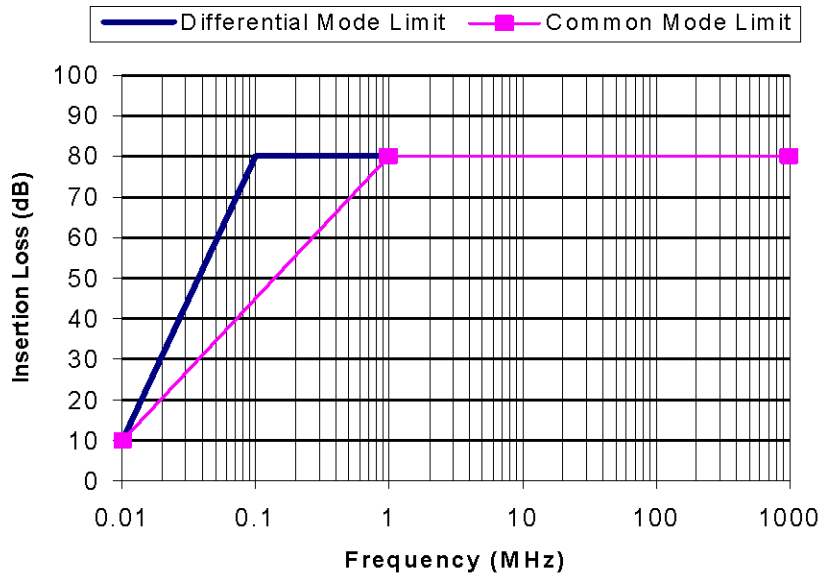


Figure 5

Typical Insertion Loss

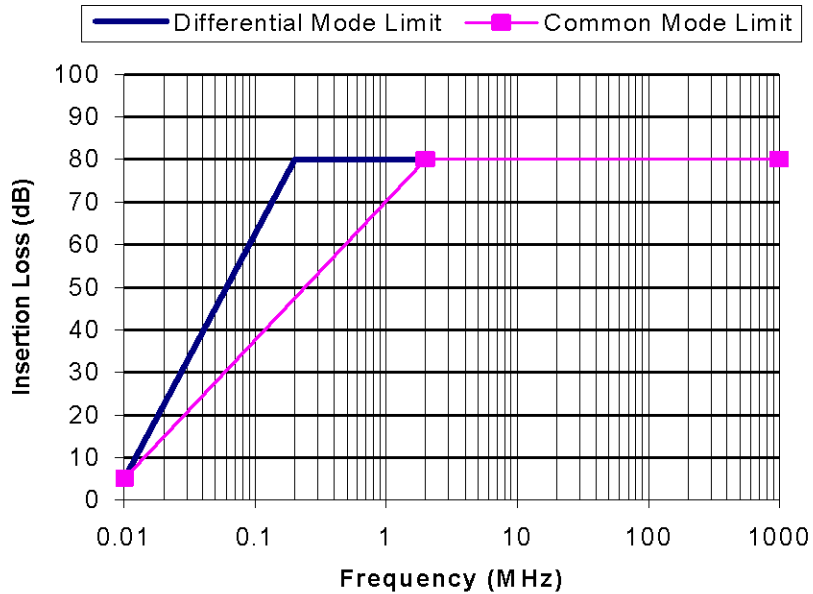


Figure 6