



**WEMS ELECTRONICS**  
**EMI FILTER GROUP**



Program Name or how can we identify the program to others in the company?	
Application? ( <i>Airborne, Shipboard, Ground Vehicle, etc.</i> )	
Insertion Loss? ( <i>This is the filter performance at a certain decibels (dB) level in between a certain frequency range - For Example: 100dB @ 14 kHz -10GHz.</i> )	
Electrical Characteristics?	
Rated Current /Amps?	
Operating Voltage?	
"AC" &/or "DC"? <i>If "AC" ask what the power frequency requirement is 60Hz or 400Hz?</i>	
Mechanical Configuration?	
Multi-Circuit Assembly?	
Height X Width X Length & Type of Mounting: ( <i>I.E. Blind Inserts, Mounting Flanges, ...</i> ) ?	
Discreet Solder-In, Bolt-In, or Cylindrical Style single circuit/feed-through filters:	
Case Diameter? ( <i>I.E. .100 -.199, ..200-.299, .300-.399, .400-.499, .600 - .699</i> )	
Thread Size? ( <i>I.E. 4-40 UNC -2A, 8-32 UNC-2A, 10-32 UNC-2A, 12-32 UNEF-2A, 1/4-28 UNEF-2A, 5/16-24 UNF-2A.</i> )	
Type of Input & Output Termination? ( <i>I.E. MIL-C- 38999 Connectors, Solder Lugs, and Wires Leads....</i> )	
Number of Lines to Be Filtered?	



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Weight Requirements?	
Operating Temperature Range?	
Mil Specs / Qualification Test Requirements? <i>(I.E. MIL-STD-220A for Insertion Loss, MIL-PRF-28861 or MIL-PRF-15733 filter construction &amp; Group "A", "B" &amp;/or "C" test specifications. Also, when our customers ask me if our filters meet MIL-STD-461 requirements. Answer: Our filters bring systems into compliance with test specifications of MIL-STD-461. Once our customer has run their qualification / system testing to confirm with us the real world impedance &amp;/or IL performance we need to build/design into the filter we then can modify the filter circuit if necessary to correct any anomalies with the filter performance. So, initially we will build to MIL-STD-220A insertion loss which has a 50 Ohm Input / 50 Ohm output impedance.)</i>	
Preliminary Filter Electrical & Mechanical Drawing/Sketch Availability?	

Estimated Program Timing?	
Customer Receipt of Contract Award?	
Prototype / Engineering Development Model {EDM} Stage?	
Preliminary Design Review (PDR) Stage?	
Critical Design Review (CDR) Stage?	
Initial RFP/RFQ & PO Release Stage?	
Low Rate Initial Production (LRIP) Stage?	
Full Rate Initial Production (FRP) Stage?	
Program Life and Estimated volume & \$s:?	