

Requesting Company: \_\_\_\_\_

End Customer: \_\_\_\_\_

Program/Application: \_\_\_\_\_

Date: \_\_\_\_\_

Mil-Spec Series or Style:  Shell Size-Arrangement:

Customer Part ID:

Required Insertion Loss	
Frequency (MHz)	Enter Insertion Loss in db and either "min" or "max"
0.3	
1	
3	
10	
30	
100	
300	
1000	

**Electrical Requirements**

Filter Type	
<input type="checkbox"/> PI	<input type="checkbox"/> C
<input type="checkbox"/> CL	<input type="checkbox"/> T
<input type="checkbox"/> LC	<input type="checkbox"/> Casc PI

Capacitance	Nominal Capacitance (See Note 1)
Capacitance 1	
Capacitance 2	
Capacitance 3	

Working Voltage	
<input type="checkbox"/> 26 VDC	<input type="checkbox"/> 115VAC (RMS), 60 Hz
<input type="checkbox"/> 50 VDC	<input type="checkbox"/> 115VAC (RMS), 400 Hz
<input type="checkbox"/> 100 VDC	<input type="checkbox"/> Other
<input type="checkbox"/> 200 VDC	<input type="checkbox"/>

Insulation Resistance (Check the least)	
<input type="checkbox"/> >1 M-ohm	<input type="checkbox"/> >1 G-ohm
<input type="checkbox"/> >10 M-ohm	<input type="checkbox"/> >10 G-ohm
<input type="checkbox"/> >100 M-ohm	<input type="checkbox"/> Other: _____

Dielectric Withstanding Voltage	
<input type="checkbox"/> 100 VDC	<input type="checkbox"/> 500 VDC
<input type="checkbox"/> 200 VDC	<input type="checkbox"/> Other: _____

Transient Requirements	Transient Parameters
RTCA-DO-160	
MIL-STD-461	

**Mechanical Requirements**

Shell Style	
<input type="checkbox"/> Box Mount	<input type="checkbox"/> Adapter
<input type="checkbox"/> Jam Nut	<input type="checkbox"/> Plug
<input type="checkbox"/> Dual Flange	<input type="checkbox"/> Bulkhead Feedthrough
<input type="checkbox"/> Solder Mount	<input type="checkbox"/> Wall Mount

Contact Termination	Stick out Dim. (From End of Shell)	Pre-tin (Y/N)
<input type="checkbox"/> PCB Tail		
<input type="checkbox"/> Solder Cup		
<input type="checkbox"/> Crimp Contacts		

Connector Mating Interface	Adapter Mating Interface
<input type="checkbox"/> Pins	<input type="checkbox"/> PS (Pin receptacle, socket plug)
<input type="checkbox"/> Sockets	<input type="checkbox"/> SP (Socket receptacle, pin plug)

Shell Finish	
<input type="checkbox"/> Durmalon (Nickel-PTFE, Cadmium alt.)	<input type="checkbox"/> Bright Nickel
<input type="checkbox"/> Cadmium Plate over Nickel (OD)	<input type="checkbox"/> Bright Cadmium
<input type="checkbox"/> Stainless Steel (Electrolytic nickel)	<input type="checkbox"/> Black Zinc
<input type="checkbox"/> Electroless Nickel	<input type="checkbox"/> Chromate
<input type="checkbox"/> Gold Plate over Nickel	<input type="checkbox"/>

**Note 1:** Capacitance can range from 50 pFd to 1.6 uFd, with a tolerance of +/-20%. Typical max capacitance spread within one connector is 10:1. Consult Amphenol with capacitance parameters outside of the specifications above.

**Additional Comments:**

# Specific Requirements per Contact

If necessary, please indicate your individual pin filter requirements against the relevant contact number (or letter) below.

Contact Ref (s)	Filter Value Requirements: Feedthrough locations, Grounds, etc.	Contact Ref (s)	Filter Value Requirements: Feedthrough locations, Grounds, etc.	Contact Ref (s)	Filter Value Requirements: Feedthrough locations, Grounds, etc.	Contact Ref (s)	Filter Value Requirements: Feedthrough locations, Grounds, etc.
1 / A		48 / v		95		142	
2 / B		49 / w		96		143	
3 / C		50 / x		97		144	
4 / D		51 / y		98		145	
5 / E		52 / z		99		146	
6 / F		53 / AA		100		147	
7 / G		54 / BB		101		148	
8 / H		55 / CC		102		149	
9 / I		56 / DD		103		150	
10 / J		57 / EE		104		151	
11 / K		58 / FF		105		152	
12 / L		59 / GG		106		153	
13 / M		60 / HH		107		154	
14 / N		61 / II		108		155	
15 / O		62 / JJ		109		156	
16 / P		63 / KK		110		157	
17 / Q		64 / LL		111		158	
18 / R		65 / MM		112		159	
19 / S		66 / NN		113		160	
20 / T		67 / PP		114		161	
21 / U		68		115		162	
22 / V		69		116		163	
23 / W		70		117		164	
24 / X		71		118		165	
25 / Y		72		119		166	
26 / Z		73		120		167	
27 / a		74		121		168	
28 / b		75		122		169	
29 / c		76		123		170	
30 / d		77		124		171	
31 / e		78		125		172	
32 / f		79		126		173	
33 / g		80		127		174	
34 / h		81		128		175	
35 / i		82		129		176	
36 / j		83		130		177	
37 / k		84		131		178	
38 / l		85		132		179	
39 / m		86		133		180	
40 / n		87		134		181	
41 / o		88		135		182	
42 / p		89		136		183	
43 / q		90		137		184	
44 / r		91		138		185	
45 / s		92		139		186	
46 / t		93		140		187	
47 / u		94		141			