



TABLE I: FILTER PERFORMANCE

CONT. NO.	CAP nF	FILTER TYPE	ATT. dB				
			0.5M	1M	10M	100M	1G
All	112	PI	13	17	48	55	50

APPLICATION NOTES

- This drawing describes the requirements for a filtered 26 way Size 20 pin contact, PCB Tail receptacle, complying with Eurofighter J62 .017 (JN1003) shell size 16 connector, polarization position 'N' insert arrangement 26.
- Electrical Characteristics:
 - Current rating - each contact at 25° C: 3A DC
 - Working voltage - 100 VDC at sea level
 - Dielectric withstand voltage (DWV) - 250 VDV @ 5 sec.
 - Typical capacitance - per table I +/- 20%
 - Attenuation - per MIL-STD-220A (in 50 Ohm system no load) per table I
- Transient Protection:

Lines	W.V.	B.V.	C.V.	ENERGY
1-2	26V @ 50uA DC	31-38V @ 1mA DC	58V @ 30A @ 8/20 us	0.1 J
3-13	30V @ 50uA DC	37-46V @ 1mA DC	65V @ 30A @ 8/20 us	0.1 J

- Environmental Requirements:
 - Temperature range: -55°C to +125°C
 - Shock: 40g x 6mS
 - Vibration: 10g RMS @ 50 to 2000 Hz
 - Humidity: up to 95% R.H.
- Materials and finishes in accordance with J62.017, Summarized as follows:
 - Shell: aluminum alloy
 - Finish: olive drab cad plate over nickel
 - Contacts: copper alloy gold plate over nickel
 - Insulator: high grade plastic
 - Potting: epoxy