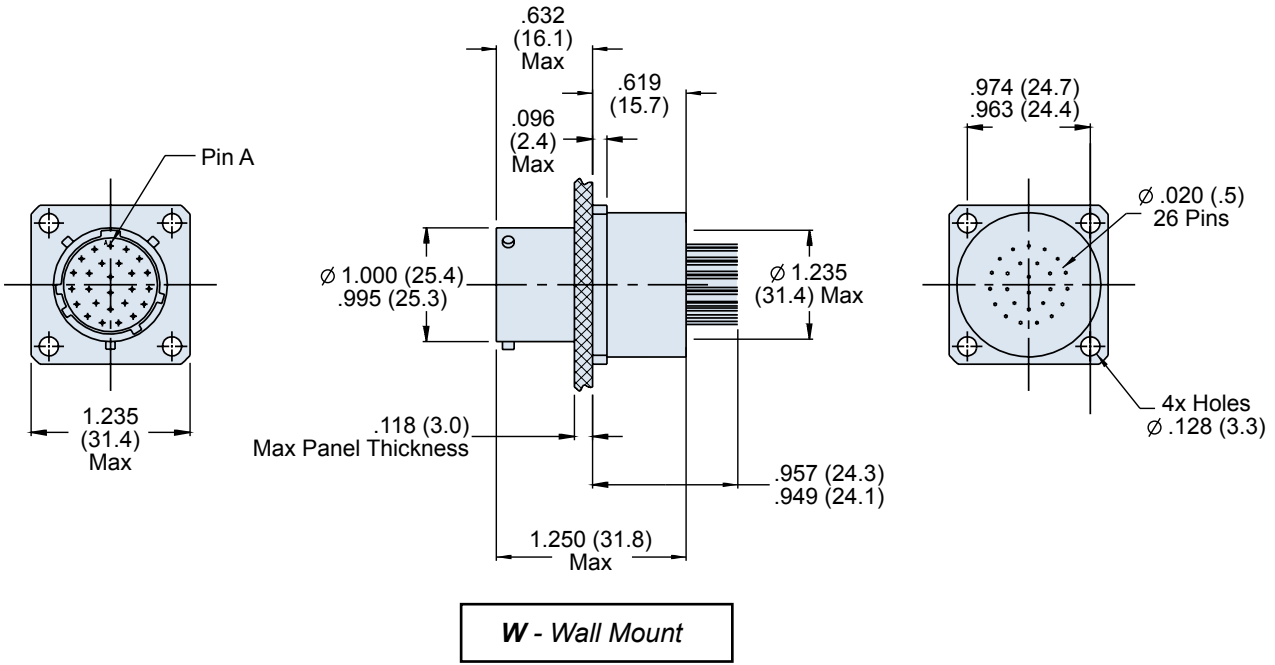
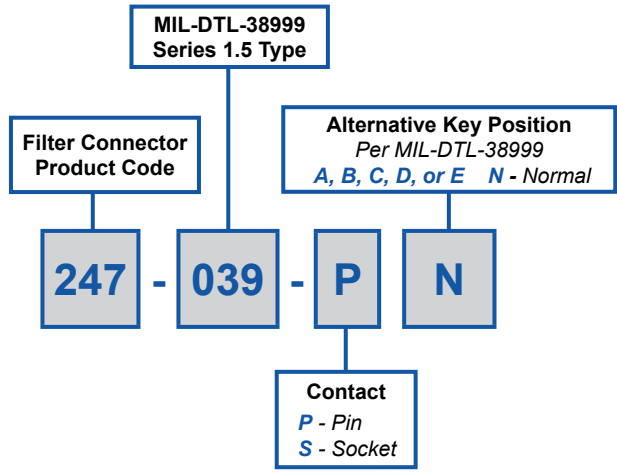




**247-039**  
**MIL-DTL-38999 Series 1.5**  
 (Eurofighter JN Spec)  
**Filtered Wall Mount Receptacle Connector**



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**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**

1. 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.
2. Electrical Characteristics:
  - I. Current rating - each contact at 25° C: 3A DC
  - II. Working voltage - 100 VDC at sea level
  - III. Dielectric withstand voltage (DWV) - 250 VDV @ 5 sec.
  - IV. Typical capacitance - per table I +/- 20%
  - V. Attenuation - per MIL-STD-220A (in 50 Ohm system no load) per table I
3. 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

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

