



EMI Solutions' D-Sub filtered connectors offer the convenience and flexibility of standard configurations while delivering unsurpassed EMI/EMC performance.

Designs for all  
Mil Spec D-Sub  
Connectors:

- **MIL-24308**
- **MIL-83513**

### Filtering Options:

#### C & Pi Filters:

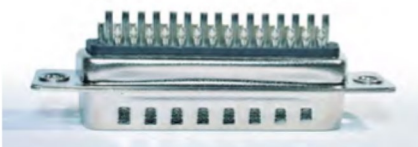
- Highest Filter Performance with Minimal Resonance
- Insertion Loss of 70 - 80 dB
- Limited number of available capacitances and variations

#### Chip Capacitor

- Good for "notch" type filtering
- Reduced higher frequency performance due to chip cap resonance
- Insertion Loss of 40 - 45 dB
- Wide variety of capacitances and variations available

**Transient Voltage Suppression (TVS) Components Available with all Filtering Options**

### Termination Options



**Solder Cup**



**PC Tail**



**Wired**

Filtered connectors are the best means of eliminating unwanted noise from any electronic system. Using filtered connectors eliminates the EM and RF noise that will be picked up through the contacts/leads generated by any internal or external source right at the connector's interface. There are a multitude of ways to filter or shield at the board level, but none can outperform filtering at the boxes' interface.

