

Filtered Micro D Series Connectors

For designs that require even smaller connector packages, Spectrum has designed a line of filtered Micro D-Subminiature connectors. This line of connectors offers a range of reliable filtering options, including capacitive and ESD versions, and several sizes and termination options. Spectrum has a Micro D-sub connector to satisfy your smallest space constraints.

Features

- Light weight
- Compact size
- Environmentally sealed contact area when mated
- Corrosion resistant
- Durable (500 cycles min.)
- Superior electrical performance
- RoHS compliant



Mechanical Specifications

<i>Shell</i>	Aluminum, electroless nickel plated 500 μ in (12.7 μm) minimum
<i>Insulator</i>	Glass filled polyester, flammability UL94V-0
<i>Contacts</i>	Copper alloy, gold plated 50 μ in (1.27 μm) minimum
<i>Potting</i>	Flammability UL94V-0
<i>Interfacial Seal</i>	Silicon

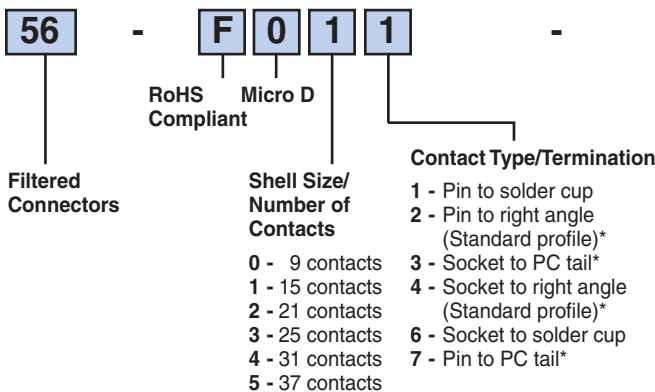
Electrical Specifications

<i>Operating Voltage</i>	100 VDC
<i>Dielectric Withstanding Voltage</i> . . .	300 VDC
<i>Current Rating</i>	3 Amps
<i>Insulation Resistance</i> . . .	5G ohms @ 100 VDC

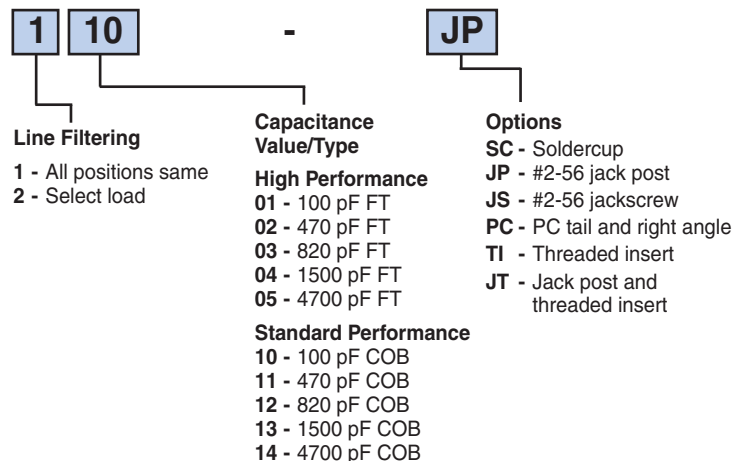
EMI Filtered Connectors

Ordering Information

Example: **56F011-110-JP**



This part number represents a micro D-sub connector with a shell size of 15 and a pin to solder cup configuration. All lines are filtered with same capacitance value, which is 100 pF COB. The connector includes an optional #2-56 jack post.



* Right angle and PC tail length (Standard Profile) is 0.109 other lengths available, consult factory

All capacitance values ±20% @ 25°C