



Filtered Micro D Series Connectors

For designs that require even smaller connector packages, Spectrum has developed 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

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



Mechanical Specifications

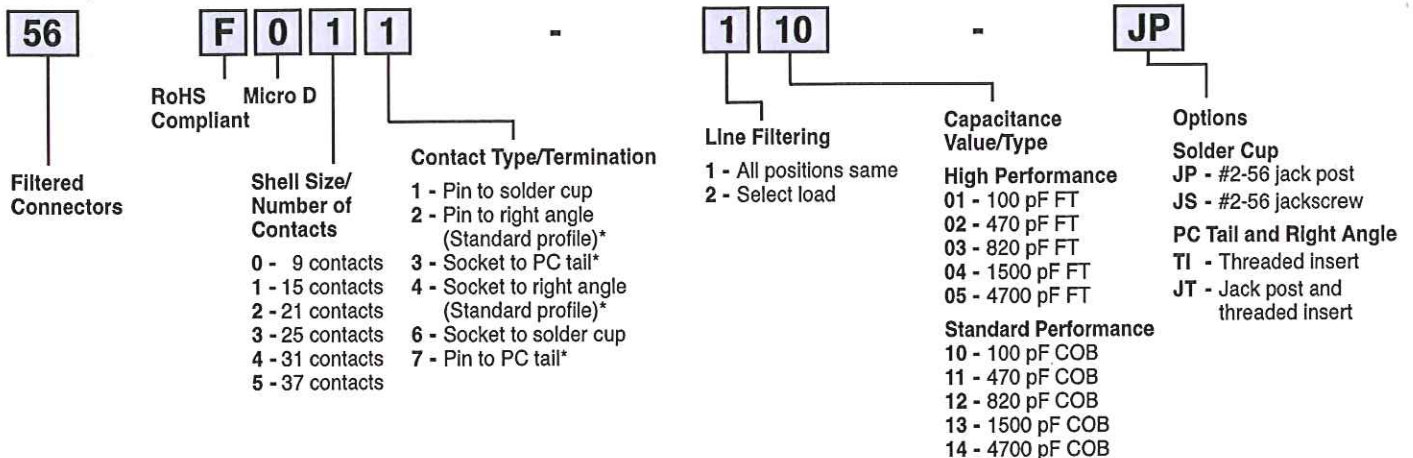
<i>Shell</i>	Aluminum, electroless nickel plated 500 μ in (12.7 μ m) minimum
<i>Insulator</i>	Glass filled polyester, flammability UL94V-0
<i>Contacts</i>	Copper alloy, gold plated 50 μ in (1.27 μ m) minimum
<i>Potting</i>	Flammability UL94V-0
<i>Interfacial Seal</i>	Silicon

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

Ordering Information

Example: **56 F011-110-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 $\pm 20\%$ @ 25°C

For complete specs and drawings, visit www.SpecEMC.com/micro

