



## 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

По вопросам приобретения обращаться по телефону: 380 44 486 83 44  
 ЧП "Альфа-Электроник"



### Mechanical Specifications

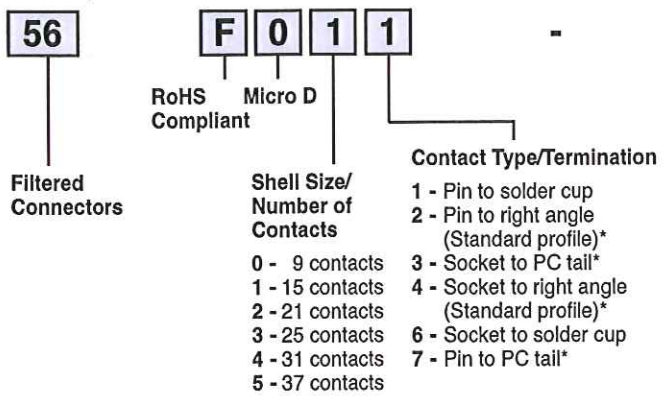
- Shell* . . . . . Aluminum, electroless nickel plated 500  $\mu$  in (12.7  $\mu$ m) minimum
- Insulator* . . . . . Glass filled polyester, flammability UL94V-0
- Contacts* . . . . . Copper alloy, gold plated 50  $\mu$  in (1.27  $\mu$ m) minimum
- Potting* . . . . . Flammability UL94V-0
- Interfacial Seal* . . . . . Silicon

### Electrical Specifications

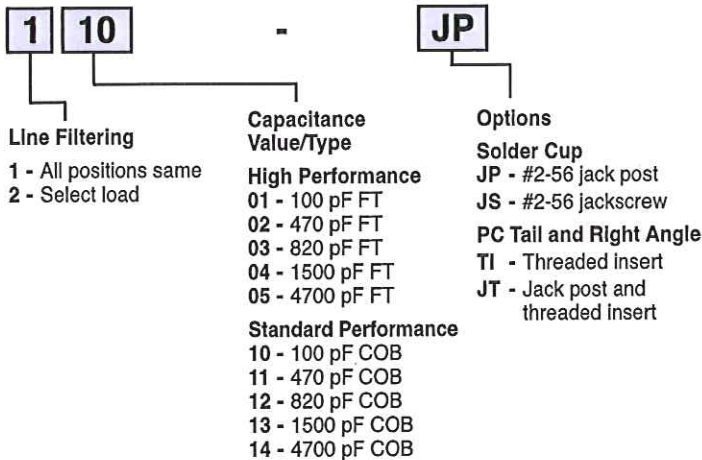
- Operating Voltage* . . . . . 100 VDC
- Dielectric Withstanding Voltage* . . . 300 VDC
- Current Rating* . . . . . 3 Amps
- Insulation Resistance* . . . 5G ohms @ 100 VDC

### 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](http://www.SpecEMC.com/micro)

