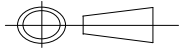


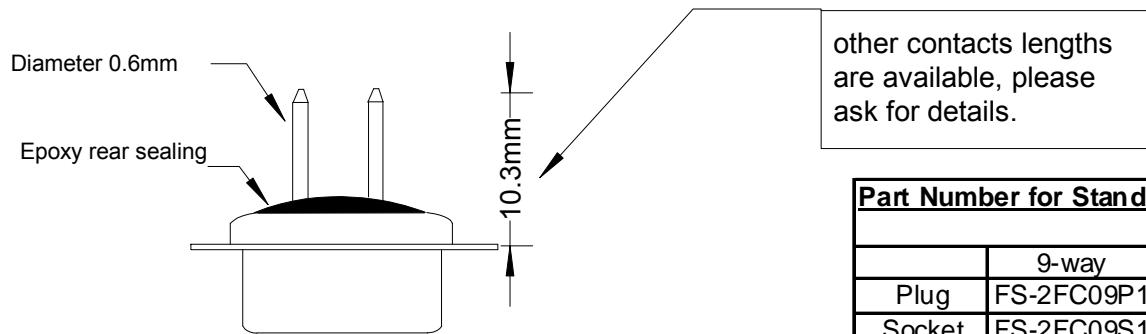
Do Not Scale

FEEDTHROUGH CAPACITOR FILTERED STANDARD DENSITY STRAIGHT PCB D SUB CONNECTORS



Technical Specifications	
Working Voltage	100VDC
Test Voltage	300VDC
Max current per contact	5A
Contact Resistance	<10mΩ
Insulation resistance between contacts	>5GΩ
Attenuation per decade	20Db
Dissipation factor	<1.5%
Mating Force per contact	3.4N
Temperature Range	-55°C to +85°C
Contact Resistance	Gold plated turned brass
Shells	Tin plated stell
Minimum number of insertions	500

Insertion Loss Data					
	10MHz	50MHz	100MHz	500MHz	1GHz
47pF	-	-	4dB	11dB	20dB
120pF	-	3db	7dB	18dB	28dB
220pF	-	5dB	8dB	20dB	29dB
330pF	-	6dB	9dB	21 dB	30dB
470pF	-	8dB	18dB	29dB	38dB
680pF	-	11 dB	22dB	34db	39dB
1 nF (std val	-	19dB	27dB	43dB	50dB
2nF	3dB	24dB	31dB	42dB	52dB
4.7nF	8dB	30dB	36dB	45dB	52dB



Part Number for Standard 1nF Straight PCB conatcs & 3.0mm mounting hole

	9-way	15-way	25-way	37-way	50-way
Plug	FS-2FC09P1	FS-2FC15P1	FS-2FC25P1	FS-2FC37P1	FS-2FC50P1
Socket	FS-2FC09S1	FS-2FC15S1	FS-2FC25S1	FS-2FC37S1	FS-2FC50S1

For connectors with a 440UNC clinch nut add FS to end of p/n e.g FS-2FC09S1-FS

For connectors with M3 clinch nut add FZ to end of part number e.g. FS-2FC15P1-FZ

For other capacitance values add the cap value at end of par number e.g. FS-2FC25P-330pF

These connectors are also available with many other mounting options.
Please ask for details

Standard 3.0mm through hole mount Stand-off mounting with boardlocks



No part of this drawing may be disclosed or copied without written authority of the company

Filtek Solutions Ltd



Filtek Solutions

DRAWN	D PRYDDERCH	TITLE	
DATE	12-6-2012	Filtered D Sub Straight PCB Connectors	
DIMENSION	MM	DRAWING NUMBER	ISSUE
TOLERANCE	±0.1MM UNLESS SPECIFIED	FS-2FCxxP1/S1	CURRENT