

Datasheet

37 way filter D adaptor, 5A 100Vdc 1000pF

RS Stock number [238-7371](#)



This range of filter adaptors provides an effective *EMC* solution for commercial and industrial equipment, meets EMI and FCC compliance.

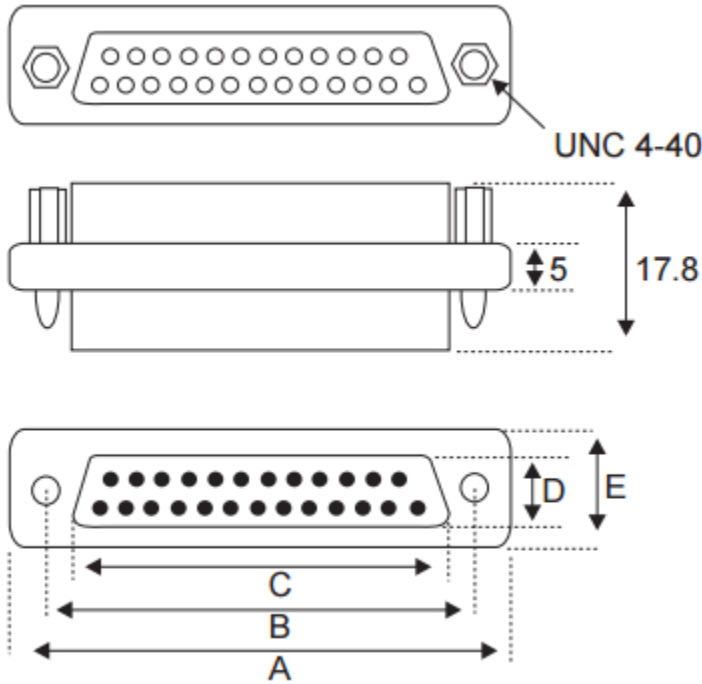
Designed to present the same interface the adaptors will simply plug up to any standard D SUB connector, allowing existing cables and connection to be used without any change.

The adaptors are configured to give a plug and socket interface.
Two 4-40 UNC jack screws are included.

Specifications

Shell:	Steel, tin plated
Pin contact:	Brass. Gold plated over nickel
Insulator:	PBT and glass fiber reinforced UL-94V0
Dielectric strength:	1000V for one minute
Insulator resistance:	3000M Ω min at 500V DC
Current rating:	5A max
Working voltage:	100V DC
Attenuation:	40db min @ 100 MHz
Temperature:	-55°C – +105°C
Ceramic capacitance:	820 pF \pm 20
	A = 180 pF \pm 20
	B = 470 pF \pm 20
	C = 820 pF \pm 20
	D = 1000 pF \pm 20
	E = 2200 pF \pm 20

Drawing (mm):



	A±0.13	B±0.1	C±0.13	D±0.13	E±0.13
9M	30.8	25.0	17.72	9.1	12.5
9F	30.8	25.0	16.3	7.9	12.5
15M	39.2	33.32	26.05	9.1	12.5
15F	39.2	33.32	24.6	7.9	12.5
25M	53.05	47.04	39.76	9.1	12.5
25F	53.05	47.04	38.4	7.9	12.5
37M	69.4	63.5	56.22	9.1	12.5
37F	69.4	63.5	54.8	7.9	12.5