

SPECTRUM ASP Filtered D-Sub Connectors

RoHS Compliant This product is RoHS compliant.



SERIES 400 FERRITE FILTERED CONNECTORS

The Series 400 Ferrite Filtered Connector is designed as a low cost EMI solution for high frequency interference. The space saving connectors incorporate a solid slab of ferrite material as the filtering element.

Features:

- Prevents common-mode noise in signal lines of data communication terminals and digital devices
- Drop In replacements for standard .318" D-Sub connectors
- Replaces individual ferrite beads, saving cost and space
- Effective in helping meet requirements of FCC, VDE, EN55022 and Japan's VCCI
- RoHS Compliant per Spectrum ASP documentation

Specifications:

- Operating Temperature: -40°C to +105°C
- Frequency Range: 10 – 300 MHz
- Current Rating: 5 Amps
- Dielectric Withstand Voltage: 1000 VAC for one min
- Shell: Steel (Tin Plated)
- Plug Contacts: Brass
- Receptacle Contacts: Phosphor Bronze
- Contact Plated: Gold Flash



RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Spectrum ASP Part No.	Fig.	Type	No. of Positions	Typ. Impedance (Ω)		Price Each		
					25 MHz	100 MHz	1	5	10
657-56F402-001	56F402-001	A	Plug	9	30	50	3.07	2.82	2.65
657-56F404-001	56F404-001	B	Receptacle	9	30	50	3.07	2.82	2.65
657-56F422-001	56F422-001	A	Plug	25	30	50	4.47	4.10	3.87
657-56F424-001	56F424-001	B	Receptacle	25	30	50	3.82	3.51	3.31

SERIES 700 HIGH PERFORMANCE FILTERED CONNECTORS

The Series 700 Connectors offer the highest performance filtering for all types of professional applications.

Features:

- One piece diecast housing design
- Tubular capacitor filtering provides effective performance through 10 GHz
- UL Recognized: File #E149046
- RoHS Compliant per Spectrum ASP documentation

Specifications:

- Shell: Zinc diecast, nickel plated
- Contacts: Copper alloy
- Plug Contacts: 15µ" Gold plated over nickel
- Receptacle Contacts: 30µ" Gold plated over nickel
- Temperature: -55°C to +125°C
- Current Rating: 5 Amps
- Contact Resistance: 10MΩ maximum



RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Spectrum ASP Part No.	Fig.	Type	No. of Positions	EMI Filter Capacitance Value	Price Each		
						1	5	10
Printed Circuit Board Right Angle Mount								
657-56F702-005	56F702-005	C	Plug	9	4000 pF Pi	41.16	39.10	37.04
657-56F722-005	56F722-005	C	Plug	25	4000 pF Pi	75.96	69.63	62.36
657-56F724-005	56F724-005	D	Receptacle	25	4000 pF Pi	86.94	82.59	78.25
Solder Cup Termination								
657-56F701-013	56F701-013	E	Plug	9	1000 pF Pi	36.40	34.58	32.76
657-56F701-015	56F701-015	E	Plug	9	4000 pF Pi	39.64	37.66	35.67
657-56F706-001	56F706-001	F	Receptacle	9	310 pF Pi	40.06	38.06	36.05
657-56F706-005	56F706-005	F	Receptacle	9	4000 pF Pi	49.54	47.18	44.82
657-56F711-013	56F711-013	E	Plug	15	1000 pF Pi	49.50	47.03	44.55
657-56F716-003	56F716-003	F	Receptacle	15	1000 pF Pi	59.34	56.37	53.41
657-56F721-013	56F721-013	E	Plug	25	1000 pF Pi	75.54	71.76	67.99
657-56F721-015	56F721-015	E	Plug	25	4000 pF Pi	83.18	79.02	74.86
657-56F726-003	56F726-003	F	Receptacle	25	1000 pF Pi	88.44	84.02	79.60
657-56F726-005	56F726-005	F	Receptacle	25	4000 pF Pi	88.62	81.23	72.75
657-56F731-013	56F731-013	E	Plug	37	1000 pF Pi	111.62	106.04	100.46

Plug/Receptacle Adapter

In-line design allows EMI/RFI filtering to be added externally to equipment. Utilizes existing D-Sub connectors. No gender changer required. Offers same protection as soldered in filters.



RoHS Compliant

- RoHS Compliant per Spectrum ASP documentation

* Li Suffix=4-40 UNC Inserts

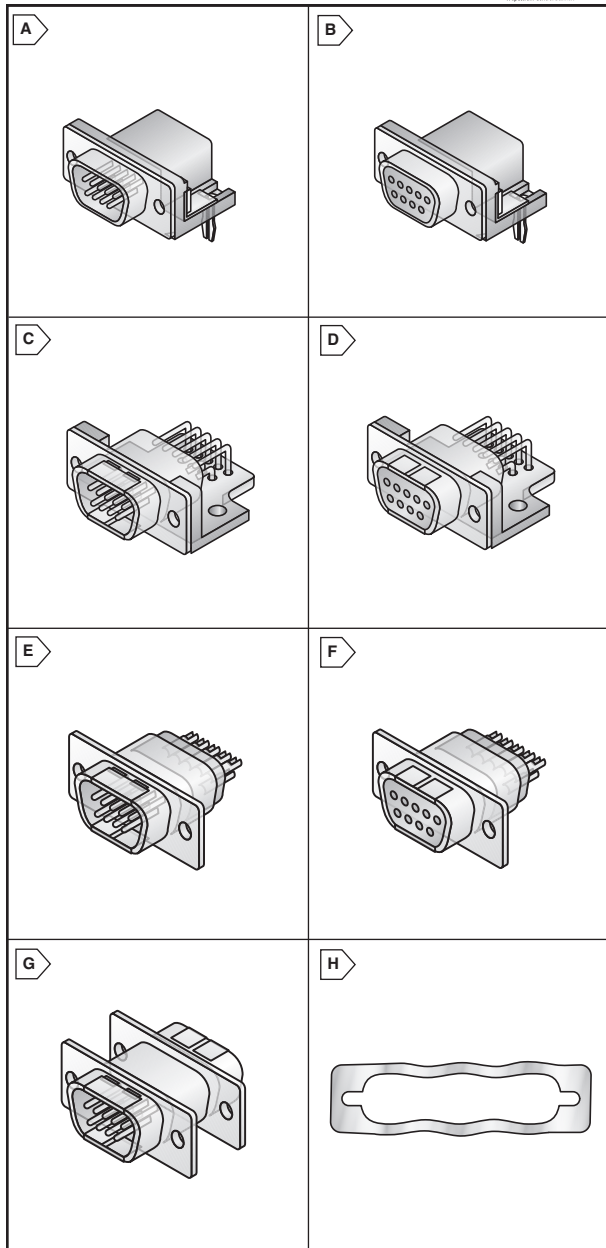
For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Spectrum ASP Part No.	Fig.	No. of Positions	EMI Filter Capacitance Value	Price Each		
					1	5	10
657-56F705-001	56F705-001	G	9	310 pF Pi	31.02	28.43	25.46
657-56F705-008	56F705-008	G	9	830 pF Pi	25.45	23.33	20.90
657-56F705-003	56F705-003	G	9	1000 pF Pi	38.16	36.25	34.34
657-56F705-005	56F705-005	G	9	4000 pF Pi	40.03	38.12	36.21
*657-56F705-005-LI	56F705-005-LI	G	9	4000pF Pi	44.35	42.24	40.13
657-56F715-001	56F715-001	G	15	310 pF Pi	45.82	43.53	41.24
657-56F715-003	56F715-003	G	15	1000 pF Pi	49.50	47.03	44.55
657-56F715-005	56F715-005	G	15	4000 pF Pi	58.04	55.14	52.24
657-56F725-001	56F725-001	G	25	310 pF Pi	69.30	65.84	62.37
657-56F725-003	56F725-003	G	25	1000 pF Pi	79.20	75.24	71.28
657-56F725-005	56F725-005	G	25	4000 pF Pi	87.32	83.16	79.00
*657-56F735-003-LI	56F735-003-LI	G	37	1000 pF Pi	115.54	109.76	103.99
657-56F735-005	56F735-005	G	37	4000 pF Pi	123.14	116.98	110.83

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"D" Connectors

Spectrum ASP

WAVED METAL GASKETS

Waved metal gaskets adjust for mounting surface irregularities, resulting in optimum filtering performance.



RoHS Compliant

Specifications:

- Material: Beryllium Copper
- Finish: Electro Tin Plate
- Material Thickness: .005" Compresses
- Wave Length: .030"
- RoHS compliant per Spectrum ASP documentation

Front Mounted Plug or Receptacle Connector,

Rear Mounted Plug

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Spectrum ASP Part No.	Fig.	Shell Size	Price Each		
				1	5	10
657-572019-100-NI	572019-00100-NI	H	9	1.62	1.53	1.45
657-572019-101-NI	572019-00101-NI	H	15	1.84	1.74	1.64
657-572019-102-NI	572019-00102-NI	H	25	2.16	2.06	1.96
657-572019-103-NI	572019-00103-NI	H	37	2.07	1.90	1.78

Rear Mounted Receptacle Only

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Spectrum ASP Part No.	Fig.	Shell Size	Price Each		
				1	5	10
657-572019-105-NI	572019-00105-NI	H	9	1.47	1.35	1.27
657-572019-106-NI	572019-00106-NI	H	15	1.84	1.74	1.64
657-572019-107-NI	572019-00107-NI	H	25	2.15	2.05	1.95
657-572019-108-NI	572019-00108-NI	H	37	2.07	1.90	1.78