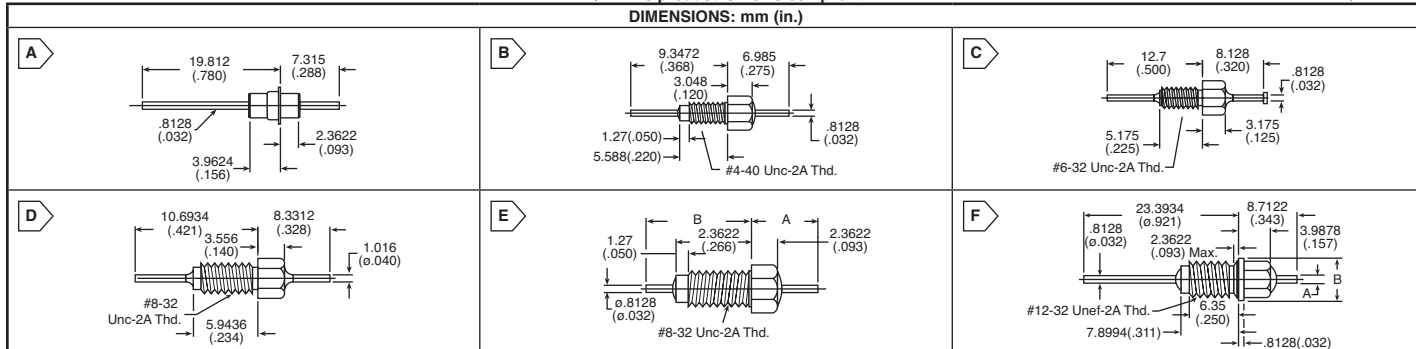


SPECTRUM ASP EMI Low Pass Filters

RoHS Compliant This product is RoHS compliant.



SOLDER-IN PI CIRCUIT FILTERS

Solder-in filters are ideal for use in critical areas where space does not allow use of mounting tools or hardware. The solder-in feature also allows installation in unison with other board mounted components. Primarily used in filtering signal/data lines and DC power lines.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Spectrum ASP Part No.	Fig.	Hex.	VDC (125°C)	Min. Cap.	Minimum Insertion Loss (dB)				Price Each		
						1MHz	10MHz	100MHz	1GHz	1	5	10
* 657-1214F-001	1214F-001	A	---	200	1750pF	---	5	50	60	3.92	3.72	3.45

* With Turret on one end

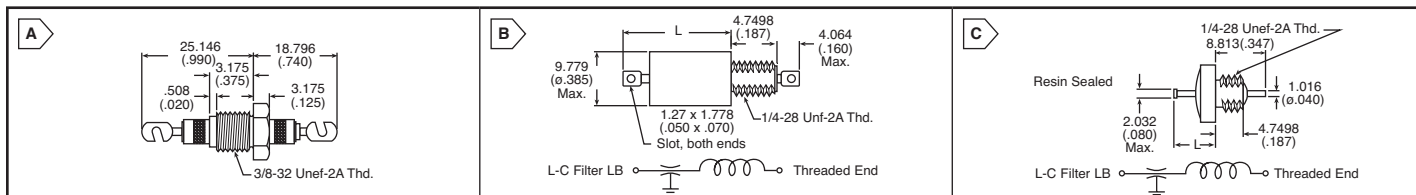
RESIN SEALED BOLT-IN FILTERS

These filters are easily mounted in a tapped hole or thru-hole with supplied nut and lock-washer. The rugged case with resin seals at both ends provides excellent environmental protection. Primarily used in filtering signal/data lines and DC power lines.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Spectrum ASP Part No.	Fig.	Dimensions: in.		Hex.	VDC (125°C)	Min. Cap.	Minimum Insertion Loss (dB)				Price Each			
			A	B				1MHz	10MHz	100MHz	1GHz	1	5	10	
C Circuit 4-40 Thread															
657-9900F-381-6004	9900F-381-6004	B	---	---	0.156	50	5000 pF	---	15	30	45	6.83	6.47	6.01	
657-9900F-381-6020	9900F-381-6020	B	---	---	0.156	200	100 pF	---	---	3	20	6.68	6.36	6.04	
LB Circuit 6-32 Thread															
657-51F-726-002	51F-726-002	C	---	---	0.156	100	0.022 µF	7	27	43	60	7.43	7.08	6.73	
C Circuit 8-32 Thread															
657-54F-785-005	54F-785-005	D	---	---	0.187	100	0.05 µF	15	34	45	60	7.56	7.20	6.84	
PI Circuit 8-32 Thread															
657-1250F-054	1250F-054	E	0.312	0.500	0.187	70	5000 pF	---	20	65	70	8.37	7.91	7.31	
*† 657-51-712-063	51-712-063	E	0.312	0.500	0.187	100	5500 pF	---	15	65	70	9.41	8.96	8.51	
657-1250F-003	1250F-003	E	0.312	0.890	0.187	200	3000 pF	---	5	45	60	7.07	6.79	6.50	
† 657-51F-712-001	51F-712-001	E	0.312	0.890	0.187	200	3000 pF	---	5	42	70	5.94	5.66	5.38	
*: 657-51F-744-002	51F-744-002	E	0.265	0.413	0.187	200	5500 pF	---	14	55	70	6.03	5.74	5.45	
PI Circuit 12-32 Thread															
657-1270F-016	1270F-016	F	0.032	0.250	0.187	100	5500 pF	---	20	65	70	6.67	6.39	6.12	

* 5 Ampere † with Turret lead **: Supplied with .040 diameter lead



HIGH CURRENT / HIGH VOLTAGE RESIN SEALED FILTERS

High current filters are ideal for use in high current 5 volt logic buss, but also can be used for 48VDC telephone rack buss, high current switch mode power supplies and DC charging systems. High voltage filters find use in high voltage power supplies and applications requiring U.L. Hi-Pot.

DIMENSIONS: mm (in.)

PI Circuit 3/8-32 Thread

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Spectrum ASP Part No.	Fig.	Hex.	VDC (125°C)	Min. Cap.	Minimum Insertion Loss (dB)				Price Each		
						1 MHz	10 MHz	100 MHz	1 GHz	1	5	10
657-1280F-060	1280F-060	A	0.500	2500	1500 pF	---	5	50	50	25.10	23.85	22.02

HERMETICALLY SEALED THREADED CASE FILTERS

This series of filters features hermetic glass seals and high EMI filtering performance. They are excellent for critical applications that demand high reliability in the toughest environmental conditions and provide broad-band high performance EMI filtering from 10KHz to over 10GHz.

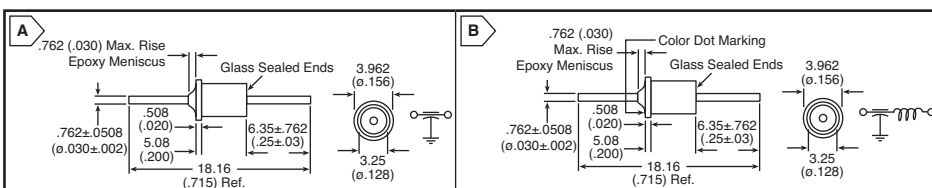
For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Spectrum ASP Part No.	Fig.	Hex.	VDC (125°C)	Min. Cap.	CKT	Max. L (in.)	Minimum Insertion Loss (dB)				Price Each			
								1MHz	10MHz	100MHz	1GHz	1	5	10	
.375 L Circuit Standard Low Profile - 15Amp															
657-9051F-100-0000	9051F-100-0000	B	---	50	1.200µF	LB	0.370	44	60	70	70	22.74	21.66	20.58	
657-51F-717-001	51F-717-001	C	---	50	1.400µF	LB	0.325	44	60	70	70	18.28	16.08	13.89	

SPECTRUM ASP MINIATURE HERMETIC L CIRCUIT SOLDER-IN EMI FILTERS

Features:

- Voltage ratings from 50VDC to 200VDC
- EMI filtering from 10KHz to over 10GHz
- Glass seal one end provides protection from hostile environments
- Designed to be soldered into a package, bracket or bulkhead



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Spectrum ASP Part No.	Fig.	DC Amps	Working Voltage	Cap. (pF)	Price Each		
						1	25	50
657-SCI-9980-000	SCI-9980-000	A	10	200	0	9.66	9.20	8.74
657-SCI-9980-101	SCI-9980-101	B	10	200	100	12.67	12.07	11.46
657-SCI-9980-122	SCI-9980-122	B	10	200	1200	12.96	12.34	11.72
657-SCI-9980-502	SCI-9980-502	B	10	100	5000	13.24	12.61	11.98
657-SCI-9980-153	SCI-9980-153	B	10	100	15000	13.43	12.79	12.15