



AVX bolt-in style Pi filters, utilize discoidal capacitor technology to provide effective attenuation in the RF to microwave frequency spectrum from 10MHz to 26GHz.

Some versions offer large hex sizes which mean much higher capacitance levels are available and that a 125 VAC/400Hz rating can be offered for certain values.

In the "L" section version an internal ferrite bead element provides both inductance and series resistance which improves insertion loss and provides superior transient performance. They are ideal for filtering signal/data lines of high impedance source and load systems. These filters are designed to be mounted in a tapped bulkhead or with a standard nut and lock-washer provided.

CHARACTERISTICS (Varies with series)

- Miniature and Subminiature versions available
- Rugged monolithic discoidal capacitor construction
- Epoxy seal at both ends
- Conservatively rated for 125VAC/400Hz
- Pi design offers steeper insertion loss
- NASA SSSQ 21215-21218

HOW TO ORDER

SB ↓	2 ↓	A ↓	1 ↓	- ↓	103 ↓
Style	Circuit	Voltage Rating	Options	MIL-28861 Screening	3 Digit Capacitor Code (in pF)
SXD = 1-64 Epoxy Sealed SYD = 2-56 Epoxy Sealed SZD = 2-56 Epoxy Sealed SA = 4-40 Epoxy Sealed SG = 6-32 Epoxy Sealed SB = 8-32 Epoxy Sealed SM = 8-32 Hermetic Sealed SH = 10-32 Epoxy Sealed SJ = 12-28 Epoxy Sealed SC = 12-32 Epoxy Sealed (.187 HEX) SP = 12-32 Epoxy Sealed (.250 HEX) SN = 12-32 Hermetic Sealed SL = 1/4-28 Epoxy Sealed SD = 5/16-24 Epoxy Sealed SF = 5/16-32 Epoxy Sealed	1 = Feed Thru (C) 2 = L-Section (L) 3 = PI-Section (π) 8 = Grounded Feed Thru	A = 100 VDC B = 200 VDC C = 50 VDC F = 500 VDC G = 1000 VDC H = 150 VDC J = 600 VDC K = 250 VDC L = 200 VDC/125 VAC M = 350 VDC N = 70 VDC X = 500 VDC Y = 300 VDC	1 = Copper 2 = Steel 3 = Special Lead Design 4 = Beryllium Copper G = Olean Exact Equivalent	B = Class B S = Class S	

Style	Capacitance Range (in pF if not indicated)					Current Rating	Circuit Available
	50VDC	100VDC	200VDC/115VAC	400VDC/230VAC	500VDC		
SXD	5-5,600	5-1,800	5-1,000	-	-	3A	C, L
SYD	5-6,200	5-2,200	5-1,200	-	-	3A	C, L
SZD	5-22,000	5-8,200	5-4,700	5-2,700	-	5A	C, L
SA	5-33,000	5-12,000	5-6,800	5-3,900	5-2,200	5A	C, L
SG	5-33,000	5-12,000	5-6,800	5-3,900	5-2,200	5A	C, L
SB/SM	5-33,000	5-12,000	5-6,800	5-3,900	5-2,200	10A	C, L, π
SH	5pF-.33μF	5pF-.12μF	5pF-.082μF	5pF-.047μF	5pF-.027μF	10A	C, L, π
SJ/SC/SP/SN	5pF-.33μF	5pF-.12μF	5pF-.082μF	5pF-.047μF	5pF-.027μF	10A	C, L, π
SL/SD/SF	5pF-1.5μF	5pF-.56μF	5pF-.39μF	5pF-.22μF	5pF-.12μF	25A	C, L, π