



## Large Diameter Solder-in High Temp Filters



### Features

- .400" diameter mounting vs .128" diameter mounting
- High temperature construction withstands 300°C installation temperatures
- Increased capacitance values than standard 9900 series - up to 1.2uF
- EMI filtering from 500KHz up to 10GHz
- 15 Amp current rating
- Ideal for low to medium impedance circuits where large amounts of capacitance to ground can be tolerated (feed-thru "C" circuit)
- Glass seal one end provides protection from hostile environments and maintain hermeticity
- Rugged monolithic discoidal capacitor construction
- Gold plated suited for gold bonding
- Designed to be soldered into a package, bracket or bulkhead
- Reverse seal available
- Special lead length and end terminations available

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Part Number	Circuit	AMP	DC Voltage	Min Cap (µf)	Minimum Insertion Loss (dB)					
					500 KHz	1 MHz	10 MHz	100 MHz	1 GHz	10 GHz
SCI-9945-125H	C	15	50	1.2	33	37	52	70	70	70
SCI-9945-504H	C	15	100	.50	26	34	42	58	70	70
SCI-9945-754H	C	15	100	.75	31	37	43	62	70	70
SCI-9945-105H	C	15	100	1.0	31	40	48	64	70	70
SCI-9945-503HAC	C	15	200*	.050	7	15	34	42	70	70
SCI-9945-154HAC	C	15	200*	.15	17	24	38	50	70	70
SCI-9945-103H	C	15	400	.010	—	4	20	34	50	60
SCI-9945-503H	C	15	400	.050	7	15	34	44	70	70

\* Rated 200VDC or 125VAC/400Hz