

## #4-40 UNC-2A C & L Filters

### TUSONIX 4400 Series Miniature EMI Filters

These filters are ideal for applications where small size and high performance are critical and a threaded mounting technique is desired.

These C and L configured filters are available in two physical configurations and can be supplied with either unified or metric thread (see page 18 for metric). The small package and large range of electrical characteristics of the 4400 Series make it an effective solution for a variety of micro-wave applications.



TUSONIX Part Number	Style	Lead Dia.	Circuit	Working Voltage (dc)		Capacitance (pF)	Capacitance Tolerance	Current (A)	Minimum No-Load Insertion Loss (dB) at 25°C per MIL-Std-220				
				85°C	125°C				1MHz	10MHz	100MHz	1GHz	10GHz
<b>C Configuration (Continued from page 13)</b>													
4400-009	1	.020 [.51]	C	300	200	25	GMV	10	--	--	--	10	25
4400-039	1	.030 [.76]	C	300	200	25	GMV	10	--	--	--	10	25
4403-009	2	.020 [.51]	C	300	200	25	GMV	10	--	--	--	10	25
4403-039	2	.030 [.76]	C	300	200	25	GMV	10	--	--	--	10	25
4400-000	1	.020 [.51]	C	300	200	100	GMV	10	--	--	3	20	28
4400-030	1	.030 [.76]	C	300	200	100	GMV	10	--	--	3	20	28
4403-000	2	.020 [.51]	C	300	200	100	GMV	10	--	--	3	20	28
4403-030	2	.030 [.76]	C	300	200	100	GMV	10	--	--	3	20	28
4400-001	1	.020 [.51]	C	300	200	500	GMV	10	--	--	15	35	40
4400-031	1	.030 [.76]	C	300	200	500	GMV	10	--	--	15	35	40
4403-001	2	.020 [.51]	C	300	200	500	GMV	10	--	--	15	35	40
4403-031	2	.030 [.76]	C	300	200	500	GMV	10	--	--	15	35	40
4400-007	1	.020 [.51]	C	300	200	1000	GMV	10	--	5	20	35	45
4400-037	1	.030 [.76]	C	300	200	1000	GMV	10	--	5	20	35	45
4403-007	2	.020 [.51]	C	300	200	1000	GMV	10	--	5	20	35	45
4403-037	2	.030 [.76]	C	300	200	1000	GMV	10	--	5	20	35	45
4400-002	1	.020 [.51]	C	300	200	1200	GMV	10	--	5	20	35	45
4400-032	1	.030 [.76]	C	300	200	1200	GMV	10	--	5	20	35	45
4403-002	2	.020 [.51]	C	300	200	1200	GMV	10	--	5	20	35	45
4403-032	2	.030 [.76]	C	300	200	1200	GMV	10	--	5	20	35	45
<b>L Configuration</b>													
4400-055	1	.020 [.51]	L	70	50	10,000	GMV	10	4	21	35	55	70
4400-056	1	.020 [.51]	L	70	50	15,000	GMV	10	7	25	40	60	60
4400-060	1	.020 [.51]	L	70	50	27,000	GMV	10	10	28	45	65	70
4400-057	1	.020 [.51]	L	50	50	50,000	GMV	10	15	35	52	70	--
4400-053	1	.020 [.51]	L	150	100	2700	GMV	10	--	10	25	40	55
4400-054	1	.020 [.51]	L	150	100	5000	GMV	10	--	15	30	45	60
4400-050	1	.020 [.51]	L	300	200	100	GMV	10	--	--	3	20	33
4400-051	1	.020 [.51]	L	300	200	500	GMV	10	--	--	15	35	45
4400-052	1	.020 [.51]	L	300	200	1200	GMV	10	--	5	20	35	50

Drawings not to scale.

**Please Note:** All bushing style filters include hex nut and lock washer unless otherwise noted.