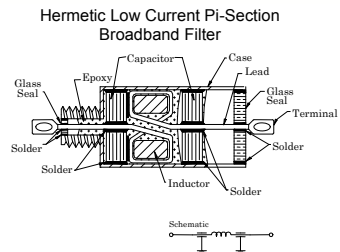


# BROADBAND



# EMI FILTERS

## “PI” TYPE



PA&E FILTERS PART NUMBER	L MAX (in.)	WORKING VOLTAGE (VDC)	I <sub>dc</sub> (A)	MIN CAP (μF)	MIN IR (MΩ)	MAX Rdc (Ω)	MINIMUM INSERTION LOSS (dB) Per Mil-STD-220							
							30 KHz	100 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
							3412-7K63-285**	.793	50	.5	2.8	200	.6	33
3413-7K63-285**	.793	50	1	2.8	200	.25	20	55	66	80	80	80	80	80
3414-7K63-285**	.793	50	3	2.8	200	.05	-	31	42	63	80	80	80	80
3415-7K63-285**	.793	50	5	2.8	200	.015	-	15	37	51	78	80	80	80
3416-7K63-285**	.793	50	10	2.8	200	.005	21	30	34	40	50	68		80
342T-7K63-145**	.793	70	.1	1.4	500	1.7	34	67	77	80	80	80	80	80
342V-7K63-145**	.793	70	.3	1.4	500	.75	27	60	71	80	80	80	80	80
3422-7K63-145**	.793	70	.5	1.4	500	.36	19	54	65	78	80	80	80	80
3423-7K63-145**	.793	70	1	1.4	500	.14	-	39	50	69	78	80	80	80
3429-7K63-145**	.793	70	2	1.4	500	.07	-	31	44	63	74	80	80	80
3424-7K63-145**	.793	70	3	1.4	500	.05	-	20	39	54	80	80	80	80
3425-7K63-145**	.793	70	5	1.4	500	.015	-	7	20	42	78	80	80	80
3426-7K63-145**	.793	70	10	1.4	500	.005	14	23	30	34	44	60	80	80
3421-7K63-664**	.793	100	.25	.66	1000	1.5	7	41	51	68	80	80	80	80
3423-7K63-664**	.793	100	1	.66	1000	.25	-	28	40	59	80	80	80	80
3424-7K63-664**	.793	100	3	.66	1000	.05	-	-	15	36	68	80	80	80
3425-7K63-664**	.793	100	5	.66	1000	.015	-	-	-	18	61	80	80	80
3426-7K63-664**	.793	100	10	.66	1000	.005	6	14	17	24	38	58	78	80
3441-7K63-304**	.793	125VAC	.25	.3	2000	1.5	-	18	27	44	70	80	80	80
3443-7K63-304**	.793	125VAC	1	.3	2000	.25	-	-	12	30	62	80	80	80
3444-7K63-304**	.793	125VAC	3	.3	2000	.05	-	-	4	20	46	80	80	80
3445-7K63-304**	.793	125VAC	5	.3	2000	.015	-	-	-	15	41	80	80	80
3446-7K63-304**	.793	125VAC	10	.3	2000	.005	-	-	-	10	31	50	80	80
3462-7K63-503**	.793	300	.5	.05	5000	.6	-	-	-	20	50	80	80	80
3463-7K63-503**	.793	300	1	.05	5000	.25	-	-	-	10	40	80	80	80
3464-7K63-503**	.793	300	3	.05	5000	.05	-	-	-	-	25	80	80	80
3465-7K63-503**	.793	300	5	.05	5000	.015	-	-	-	-	10	65	80	80
3466-7K63-503**	.793	300	10	.05	5000	.005	-	-	-	-	10	35	70	80

Details subject to change without notice.

**\*\* PART NUMBERS ARE INCOMPLETE. PLEASE SEE PAGE 48 TO COMPLETE THE NUMBERS.**

**NOTE:** For case style Figure 1, use 7 in the fifth place of the part number. For case style Figure 2, use 8 in the fifth place of the part number. \* For .312 thread length, substitute 7 for 6 in the seventh digit of the part number. Tolerances: ±.10 and as noted.

Hermetic Low Current Pi-Section Broadband Filter

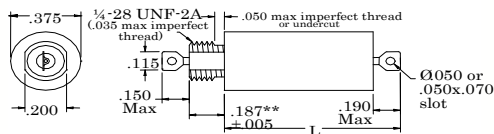


Figure 1

Hermetic Low Current Pi-Section Broadband Filter

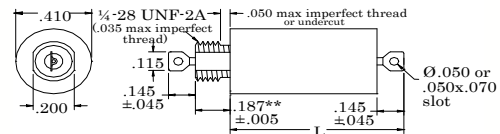
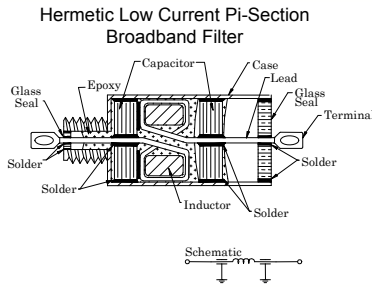


Figure 2

# EMI FILTERS "PI" TYPE

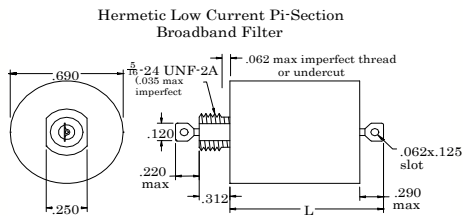
# BROADBAND



PA&E FILTERS PART NUMBER	L MAX (in.)	WORKING VOLTAGE (VDC)	I <sub>dc</sub> (A)	MIN CAP (μF)	MIN IR (MΩ)	MAX Rdc (Ω)	MINIMUM INSERTION LOSS (dB) Per Mil-STD-220							
							30 KHz	100 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
3422-9M83-285**	1.180	100	.5	2.8	200	.3	36	69	80	80	80	80	80	
3423-9M83-285**	1.180	100	1	2.8	200	.21	32	65	76	80	80	80	80	
3424-9M83-285**	1.180	100	3	2.8	200	.03	10	40	50	70	80	80	80	
3425-9M83-285**	1.180	100	5	2.8	200	.007	-	23	36	60	80	80	80	
3426-9M83-285**	1.180	100	10	2.8	200	.005	20	30	64	40	50	70	80	
3432-9M83-145**	1.180	150	.5	1.4	500	.3	25	57	68	80	80	80	80	
3433-9M83-145**	1.180	150	1	1.4	500	.21	20	54	64	80	80	80	80	
3434-9M83-145**	1.180	150	3	1.4	500	.03	-	29	40	60	80	80	80	
3435-9M83-145**	1.180	150	5	1.4	500	.007	-	-	30	50	80	80	80	
3436-9M83-145**	1.180	150	10	1.4	500	.005	15	25	28	35	45	62	80	
3432-9M83-904**	1.180	200	.5	.9	1000	.3	15	48	57	76	80	80	80	
3433-9M83-904**	1.180	200	1	.9	1000	.21	9	45	54	73	80	80	80	
3434-9M83-904**	1.180	200	3	.9	1000	.03	-	15	28	50	80	80	80	
3435-9M83-904**	1.180	200	5	.9	1000	.007	-	10	20	38	69	80	80	
3436-9M83-904**	1.180	200	10	.9	1000	.005	10	20	24	30	40	58	80	
3462-9M83-504**	1.180	300	.5	.5	1000	.3	6	39	48	67	80	80	80	
3463-9M83-504**	1.180	300	1	.5	1000	.21	-	36	45	64	80	80	80	
3464-9M83-504**	1.180	300	3	.5	1000	.03	-	6	18	41	75	80	80	
3465-9M83-504**	1.180	300	5	.5	1000	.007	-	-	12	30	61	80	80	
3466-9M83-504**	1.180	300	10	.5	1000	.005	4	12	15	22	36	56	76	
3442-9N83-364**	1.205	125VAC	.5	.36	2000	.33	-	32	42	60	80	80	80	
3443-9N83-364**	1.205	125VAC	1	.36	2000	.15	-	24	35	54	80	80	80	
3444-9N83-364**	1.205	125VAC	3	.36	2000	.026	-	-	17	39	70	80	80	
3445-9N83-364**	1.205	125VAC	5	.36	2000	.013	-	-	-	24	57	80	80	
3446-9N83-364**	1.205	125VAC	10	.36	2000	.008	-	-	-	-	48	80	80	
3452-9N83-204**	1.205	240VAC	.5	.2	3000	.33	-	22	32	50	80	80	80	
3453-9N83-204**	1.205	240VAC	1	.2	3000	.15	-	14	25	44	75	80	80	
3454-9N83-204**	1.205	240VAC	3	.2	3000	.026	-	-	-	29	61	80	80	
3455-9N83-204**	1.205	240VAC	5	.2	3000	.013	-	-	-	10	50	80	80	
3456-9N83-204**	1.205	240VAC	10	.2	3000	.008	-	-	-	-	30	80	80	

Details subject to change without notice.

\*\* PART NUMBERS ARE INCOMPLETE. PLEASE SEE PAGE 49 TO COMPLETE THE NUMBERS.



### MOUNTING HARDWARE

