

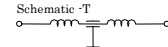
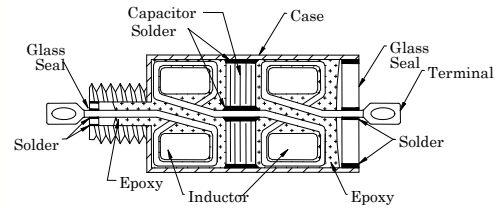
# BROADBAND



# EMI FILTERS

## “T” TYPE

### Hermetic Low Current T-Section Broadband Filter



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
							3512-7R63-145**	1.273	50	.5	1.4	500	1	17
3513-7R63-145**	1.273	50	1	1.4	500	.5	16	32	40	54	70	70	70	70
3519-7R63-145**	1.273	50	2	1.4	500	.09	15	25	29	36	60	70	70	70
351Y-7R63-145**	1.273	50	4	1.4	500	.03	15	25	28	33	46	70	70	70
3516-7R63-145**	1.273	50	10	1.4	500	.005	15	25	28	33	43	60	70	70
3522-7R63-754**	1.273	100	.5	.75	1000	1	12	36	45	60	80	80	80	80
3523-7R63-754**	1.273	100	1	.75	1000	.5	10	25	32	49	70	70	70	70
3529-7R63-754**	1.273	100	2	.75	1000	.09	9	19	23	32	55	70	70	70
352Y-7R63-754**	1.273	100	4	.75	1000	.03	9	19	22	29	42	70	70	70
3526-7R63-754**	1.273	100	10	.75	1000	.005	9	19	21	28	39	58	70	70
3532-7R63-334**	1.273	200	.5	.33	200	1	4	28	38	55	80	80	80	80
3533-7R63-334**	1.273	200	1	.33	2000	.5	3	15	20	40	67	70	70	70
3539-7R63-334**	1.273	200	2	.33	2000	.09	-	10	14	22	46	70	70	70
353Y-7R63-334**	1.273	200	4	.33	2000	.03	-	10	14	19	32	70	70	70
3536-7R63-334**	1.273	200	10	.33	2000	.005	3	10	14	19	30	50	70	70
3542-7R63-154**	1.273	125VAC	.5	.15	3000	1	-	20	30	50	75	80	80	80
3543-7R63-154**	1.273	125VAC	1	.15	3000	.5	-	6	12	29	61	70	70	70
3549-7R63-154**	1.273	125VAC	2	.15	3000	.09	-	-	8	16	39	70	70	70
354Y-7R63-154**	1.273	125VAC	4	.15	3000	.03	-	-	-	9	25	65	70	70
3546-7R63-154**	1.273	125VAC	10	.15	3000	.005	-	4	7	10	20	40	70	70

Details subject to change without notice.

**\*\* PART NUMBERS ARE INCOMPLETE. PLEASE SEE PAGE 49 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 L1 circuit, substitute 2 for 3 in the second digit 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 T-Section Broadband Filter

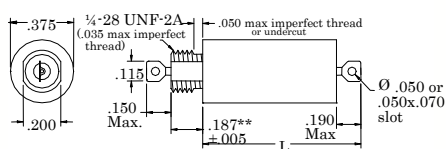


Figure 1

Hermetic Low Current T-Section Broadband Filter

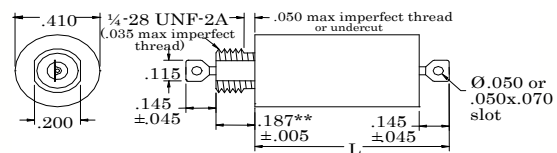
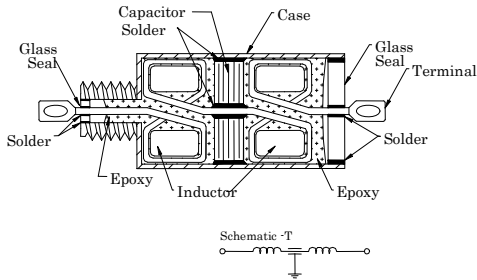


Figure 2

# EMI FILTERS "T" TYPE

# BROADBAND

Hermetic Low Current T-Section  
Broadband Filter



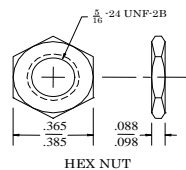
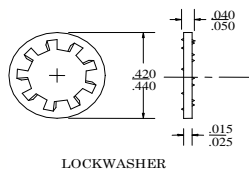
PA&E FILTERS PART NUMBER	L MAX (in.)	WORKING VOLTAGE (VDC)	I <sub>dc</sub> (A)	MIN CAP (μF)	MIN IR (MΩ)	MAX Rdc (Ω)	MINIMUM INSERTION LOSS (dB) Per Mil-STD-220							
							30 KHz	100 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
3522-9R83-145**	1.400	100	.5	1.4	500	1	28	55	65	80	80	80	80	80
3523-9R83-145**	1.400	100	1	1.4	500	.5	20	46	55	70	70	70	70	70
3529-9R83-145**	1.400	100	2	1.4	500	.09	15	25	31	43	67	70	70	70
352Y-9R83-145**	1.400	100	4	1.4	500	.03	15	25	28	35	50	70	70	70
3526-9R83-145**	1.400	100	10	1.4	500	.005	14	25	28	34	44	57	70	70
3532-9R83-704**	1.400	200	.5	.7	1000	1	20	50	62	75	80	80	80	80
3533-9R83-704**	1.400	200	1	.7	1000	.5	13	40	48	66	70	70	70	70
3539-9R83-704**	1.400	200	2	.7	1000	.09	8	20	25	35	63	70	70	70
353Y-9R83-704**	1.400	200	4	.7	1000	.03	8	18	22	29	45	70	70	70
3536-9R83-704**	1.400	200	10	.7	1000	.005	8	18	21	28	39	58	70	70
3542-9R83-704**	1.400	125VAC	.5	.3	2000	1	12	44	55	70	80	80	80	80
3543-9R83-304**	1.400	125VAC	1	.3	2000	.052	-	11	16	28	56	70	70	70
3549-9R83-304**	1.400	125VAC	2	.3	2000	.038	-	10	14	22	46	70	70	70
354Y-9R83-304**	1.400	125VAC	4	.3	2000	.026	-	10	14	20	35	70	70	70
3552-9R83-154**	1.400	240VAC	.5	.15	3000	1	4	38	48	65	80	80	80	80
3553-9R83-154**	1.400	240VAC	1	.15	3000	.052	-	4	10	23	52	70	70	70
3559-9R83-154**	1.400	240VAC	2	.15	3000	.038	-	4	8	16	39	70	70	70
355Y-9R83-154**	1.400	240VAC	4	.15	3000	.026	-	4	8	14	29	70	70	70

Details subject to change without notice.

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

Tolerances: ± .10 and as noted.

MOUNTING HARDWARE



Hermetic Low Current T-Section  
Broadband Filter

