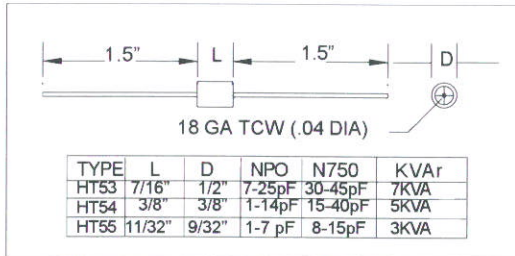


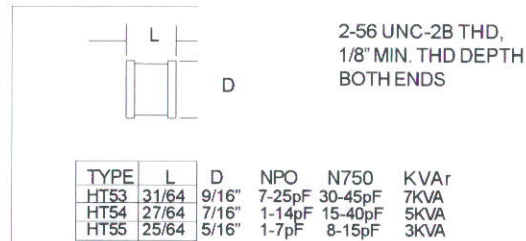
RF TRANSMITTING CAPACITORS

HT53,54 &55 SERIES

TYPE 'B'



TYPE 'A'



2-56 UNC-2B THD,
1/8" MIN. THD DEPTH
BOTH ENDS

18 GA TCW (.04 DIA)

NPO designations are now available in +/-10ppm/°C, +/-20ppm/°C, +/-30ppm/°C, and +/-60ppm/°C.
CALL FOR DETAILS.

SELECTED* HT53, 54, AND 55 VALUES AT 5 KVDC

*A continuous range of values is available between the values listed.

Call for all other part numbers and ordering information.

HT53 SERIES

BODY TC	CAP (Pf)	PART NO.	MAXIMUM CURRENT RATING (A)			MAXIMUM KVAr RATING		
			1MHz	10MHz	30MHz	1MHz	10MHz	30MHz
NPO	7	HT53T709DB	0.16*	0.54*	3.80	0.55	5.50	7.00
	10	HT53T100KB	0.22*	2.20*	4.00	0.79	7.00	7.00
	20	HT53T200KB	0.44*	2.90	4.50	1.57	7.00	5.37
	25	HT53T250KB	0.55*	3.00	4.80	1.97	7.00	4.88
N750	30	HT53T300KB	0.66*	3.10	5.00	2.36	7.00	4.42
	35	HT53T350KB	0.77*	3.60	5.10	2.75	7.00	3.94
	40	HT53T400KB	0.89*	3.70	5.20	3.14	7.00	3.58
	45	HT53T450KB	1.00*	3.80	5.30	3.54	7.00	3.31

HT54 SERIES

BODY TC	CAP (Pf)	PART NO.	MAXIMUM CURRENT RATING (A)			MAXIMUM KVAr RATING		
			1MHz	10MHz	30MHz	1MHz	10MHz	30MHz
NPO	3	HT54T309DB	0.07*	0.66*	2.00*	0.24	2.36	5.00
	5	HT54T509DB	0.11*	1.10*	2.20	0.39	3.93	5.00
	10	HT54T100KB	2.20*	2.80	6.36	0.79	5.00	4.16
	12	HT54T120KB	0.26*	2.50	2.90	0.94	5.00	3.71
N750	14	HT54T140KB	0.31*	2.70	3.20	1.10	5.00	3.88
	15	HT54T150KB	0.33*	2.90	4.10	1.18	5.00	5.00
	20	HT54T200KB	0.44*	3.60	5.30	1.57	5.00	5.00
	25	HT54T250KB	0.55*	3.70	5.40	1.97	5.00	5.00
	30	HT54T300KB	0.66*	3.70	5.50	2.36	5.00	5.00
	35	HT54T350KB	0.77*	3.80	5.60	2.75	5.00	4.75
	40	HT54T400KB	0.89*	3.80	5.60	3.14	5.00	4.16

HT55 SERIES

BODY TC	CAP (Pf)	PART NO.	MAXIMUM CURRENT RATING (A)			MAXIMUM KVAr RATING		
			1MHz	10MHz	30MHz	1MHz	10MHz	30MHz
NPO	1	HT55T109DB	0.02*	0.22*	1.20	0.08	0.79	2.36
	2	HT55T209DB	0.04*	0.44*	1.30	0.16	1.57	3.00
	3	HT55T309DB	0.07*	0.66*	1.40	0.24	2.36	3.00
	5	HT55T509DB	0.11*	0.90	1.70	0.39	3.00	3.00
	7	HT55T709DB	0.16*	0.95	2.20	0.55	3.00	3.00
N750	8	HT55T809DB	0.18*	0.96	2.40	0.63	3.00	3.00
	10	HT55T100KB	0.22*	0.98	2.90	0.79	3.00	3.00
	12	HT55T120KB	0.27*	1.00	3.00	1.02	3.00	3.00
	15	HT55T150KB	0.33*	1.10	3.00	1.18	3.00	3.00

* Data is based on not exceeding the maximum rated voltage.
All other data is based on a 30°C rise above 25°C ambient conditions.

NOTES:

- Final Suffix 'B' denotes a wire type terminal. For cap termination change suffix to 'A'.
- The letter 'D' (second from last in P/N) designates a capacitance tolerance of +/-0.5pF, or letter 'K' designates +/- 10%. For tighter tolerances, change 'D' to 'C' for +/- 0.25pF, or 'K' to 'J' for +/- 5%.