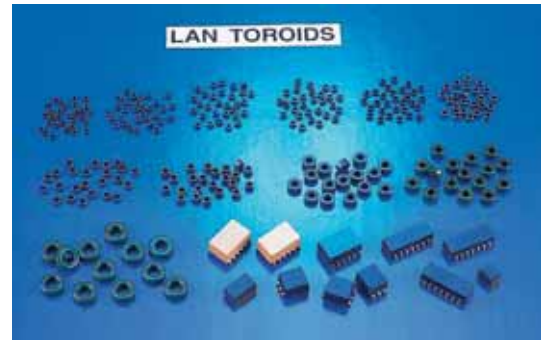
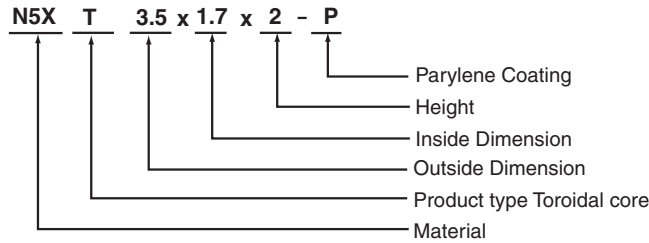


Part Identification:

unit: m/m



Material	Initial Permeability
NI	850
NP1	2500
N5X	4200
N05	5000
N07	7000
N10	10000

STANDARD Mechanical Tolerance

Core	OD. ID.	Height
	±0.15m/m	±0.18m/m

*N5X material for 100MB LAN used. with DC 8mA BIAS.

1. Inductance Unit nH
2. Test condition at 100KHz 100 mV with 10 Turns.
3. All the cores production with parylene coating
4. Dielectric break down Voltage 750VAC min.
5. All the parts for Detail Dimension & Electrical Characteristic
Please Refer Specification drawing.
6. NP7 Material Used In High DC mA POE Design.

AL- Value 100 KHz 100mv 1Turns.

ITEM	Mechanical Dimension			Magnetic Dimensions			AL (nH/N ²)				
	OD	ID	HT	Le mm	Ae ₂ mm ²	Ve ₃ mm ³	N1 nH ⁻⁰	NP1 2500µi	N05 N5X 5000µi	N07 7000µi	N10 10000µi
T1.4*0.56*0.64	1.4±0.15	0.56±0.15	0.64±0.15	3.07	0.26	0.80	70	290	580	810	1160
T1.85*0.94*1.4	1.85±0.15	0.94±0.15	1.40±0.15	4.38	0.63	2.76	110	470	940	1316	1880
T2.03*1.27*0.64	2.03±0.15	1.27±0.15	0.64±0.15	5.18	0.24	1.26	41	145	290	406	580
T2.03*1*0.76	2.03±0.15	1.00±0.15	0.76±0.15	4.382	0.375	1.645	60	270	540	750	1080
T2.03*1.27*1.27	2.03±0.15	1.27±0.15	1.27±0.15	5.18	0.48	2.50	60	287	574	804	1148
T2.08*1.22*0.76	2.08±0.15	1.22±0.15	0.76±0.15	5.18	0.33	1.69	40	172	344	516	688
T2.54*1.0*2	2.54±0.15	1.00±0.15	2.00±0.15	5.56	1.54	8.56	220	930	1860	2604	3720
T2.54*1.27*0.76	2.54±0.15	1.27±0.15	0.76±0.15	5.98	0.48	2.89	62	250	500	700	1000

AL- Value 100 KHz 100mv 1Turns.

ITEM	Mechanical Dimension			Magnetic Dimensions			AL (nH/N ²)				
	OD	ID	HT	Le mm	Ae mm ²	Ve mm ³	N1 nH ⁻⁰	NP1 2500μi	N05 N5X 5000μi	N07 7000μi	N10 10000μi
T2.54*1.27*1.27	2.54±0.15	1.27±0.15	1.27±0.15	5.98	0.81	4.83	75	415	830	1200	1700
T2.54*1.27*2.35	2.54±0.15	1.27±0.15	2.35±0.15	5.98	1.49	8.93	180	755	1510	2265	2718
T2.54*1.5*1.27	2.54±0.15	1.50±0.15	1.27±0.15	6.35	0.66	4.19	75	325	650	900	1200
T2.72*0.94*1.57	2.72±0.15	0.94±0.15	1.57±0.15	5.75	1.39	7.99	195	830	1660	2324	3320
T2.80*1.27*1.9	2.80±0.15	1.27±0.15	1.90±0.20	5.77	1.38	7.963	240	750	1500	2100	3010
T2.92*1.5*0.76	2.92±0.15	1.50±0.15	0.76±0.15	6.45	0.52	3.355	80	250	510	710	1010
T2.92*1.62*1.78	2.92±0.15	1.62±0.15	1.78±0.20	6.73	1.51	10.21	128	520	1050	1470	2100
T3.05*1.27*0.76	3.05±0.15	1.27±0.15	0.76±0.20	6.79	0.68	4.59	70	300	600	840	1200
T3.05*1.27*1.27	3.05±0.15	1.27±0.15	1.27±0.20	6.79	1.13	7.67	132	570	1150	1668	2300
T3.05*1.27*1.5	3.05±0.15	1.27±0.15	1.50±0.20	6.79	1.34	9.06	156	700	1400	1900	2700
T3.05*1.27*2	3.05±0.15	1.27±0.15	2.00±0.20	6.79	1.78	12.08	210	889	1779	2500	3600
T3.05*1.5*1.78	3.05±0.15	1.50±0.15	1.78±0.20	7.15	1.38	9.87	120	500	1000	1400	2000
T3.05*1.5*2.07	3.05±0.15	1.50±0.15	2.07±0.20	7.15	1.60	11.40	170	600	1300	1960	2600
T3.05*1.6*2	3.05±0.15	1.60±0.15	2.00±0.20	7.30	1.45	10.58	150	645	1290	1806	2580
T3.05*1.68*2.07	3.05±0.15	1.68±0.15	2.07±0.20	7.43	1.42	10.55	140	600	1200	1800	2400
T3.05*1.68*2.4	3.05±0.15	1.68±0.15	2.40±0.20	7.43	1.64	12.18	155	656	1150	1968	2624
T3.05*1.68*2.54	3.05±0.15	1.68±0.15	2.54±0.20	7.43	1.74	12.92	160	680	1360	2040	2720
T3.05*1.78*0.76	3.05±0.15	1.78±0.15	0.76±0.20	7.59	0.48	3.66	40	175	350	500	700
T3.05*1.78*1.27	3.05±0.15	1.78±0.15	1.27±0.20	7.59	0.81	6.12	80	338	677	910	1355
T3.05*1.78*1.5	3.05±0.15	1.78±0.15	1.50±0.20	7.59	0.95	7.23	105	460	800	1100	1600
T3.05*1.78*2	3.05±0.15	1.78±0.15	2.00±0.20	7.59	1.27	9.64	120	500	1000	1400	2000
T3.2*1.78*2.54	3.20±0.15	1.78±0.15	2.54±0.20	7.38	1.75	12.75	240	750	1490	2090	2980
T3.43*1.27*1.78	3.43±0.15	1.27±0.15	1.78±0.20	6.292	1.772	11.147	225	880	1770	2480	3540
T3.43*1.78*1.8	3.43±0.15	1.78±0.15	1.80±0.20	7.62	1.433	10.919	150	590	1100	1600	2300
T3.43*1.78*2.07	3.43±0.15	1.78±0.15	2.07±0.20	7.62	1.592	12.13	170	680	1216	1900	2700
T3.43*1.78*2.54	3.43±0.15	1.78±0.15	2.54±0.20	8.18	2.10	17.18	175	750	1510	2200	3000
T3.5*1.5*1.0	3.50±0.15	1.50±0.15	1.00±0.20	6.98	0.94	6.58	140	420	850	1190	1700
T3.5*1.7*0.76	3.50±0.15	1.70±0.15	0.76±0.20	8.17	0.68	5.59	62	263	526	740	935
T3.5*1.7*1.27	3.50±0.15	1.70±0.15	1.27±0.20	8.17	1.14	9.34	100	450	900	1300	1700
T3.5*1.7*1.5	3.50±0.15	1.70±0.15	1.50±0.20	8.17	1.35	11.03	120	500	1000	1400	2000
T3.5*1.7*2	3.50±0.15	1.70±0.15	2.00±0.20	8.17	1.80	14.70	170	650	1300	1800	2500
T3.68*1.65*0.76	3.68±0.15	1.65±0.15	0.76±0.20	8.37	0.77	6.46	75	290	580	810	1160
T3.68*1.65*1	3.68±0.15	1.65±0.15	1.00±0.20	8.37	1.02	8.50	98	380	760	1070	1520
T3.68*1.65*2.07	3.68±0.15	1.65±0.15	2.07±0.20	8.37	2.03	17.00	195	650	1300	2240	3200
T3.68*1.65*2.54	3.68±0.15	1.65±0.15	2.54±0.20	8.37	2.58	21.58	245	920	1845	2760	3690
T3.9*1.2*2	3.90±0.20	1.20±0.15	2.00±0.20	6.415	2.408	15.447	280	1180	2360	3300	4720
T3.9*1.4*0.86	3.90±0.20	1.40±0.20	0.86±0.20	8.32	1.07	8.90	105	445	890	1246	1780
T3.9*1.62*0.76	3.90±0.20	1.62±0.15	0.76±0.20	8.32	1.07	8.90	105	445	890	1246	1780
T3.9*1.7*1.3	3.90±0.20	1.62±0.20	0.76±0.20	7.644	0.813	6.213	82	330	670	940	1340
T3.9*1.7*1.5	3.90±0.20	1.70±0.15	1.50±0.20	8.80	1.65	14.51	120	500	1000	1400	2000

AL- Value 100 KHz 100mv 1Turns.

ITEM	Mechanical Dimension			Magnetic Dimensions			AL (nH/N ²)				
	OD	ID	HT	Le mm	Ae mm ²	Ve mm ³	N1 nH ⁰	NP1 2500μi	N05 N5X 5000μi	N07 7000μi	N10 10000μi
T3.9*1.7*1.8	3.90±0.20	1.70±0.15	1.80±0.20	8.80	1.98	17.42	140	600	1200	1600	2200
T3.9*1.7*2/2.07	3.90±0.20	1.70±0.15	2.07±0.20	8.80	2.20	19.35	190	700	1400	2000	2800
T3.9*1.7*2.5	3.90±0.20	1.70±0.15	2.50±0.20	8.80	2.75	24.19	185	750	1500	2200	3000
T3.9*2*1	3.90±0.20	2.00±0.15	1.00±0.20	9.27	0.95	8.80	80	390	690	1000	1300
T3.9*2*1.3	3.90±0.20	2.00±0.15	1.30±0.20	9.27	1.24	11.45	105	450	900	1300	1700
T3.9*2*1.5	3.90±0.20	2.00±0.15	1.50±0.20	9.27	1.43	13.21	120	500	1000	1400	2000
T3.9*2*1.8/1.9	3.90±0.20	2.00±0.15	1.80±0.20	9.27	1.71	15.85	140	600	1200	1700	2400
T3.9*2*2/2.07	3.90±0.20	2.00±0.15	2.00±0.20	9.27	1.90	17.61	160	650	1300	1800	2500
T3.9*2*2.5	3.90±0.20	2.00±0.15	2.50±0.20	9.27	2.38	22.01	200	750	1500	2200	3000
T3.9*2.2*2	3.90±0.20	2.20±0.15	2.00±0.20	9.58	1.70	16.29	125	560	1150	1600	2300
T3.9*2.2*3	3.90±0.20	2.20±0.15	3.00±0.20	9.58	2.55	24.43	200	862	1725	2587	3450
T3.9*2.45*2.54	3.90±0.20	2.45±0.15	2.54±0.20	9.62	1.809	17.395	140	590	1180	1650	2360
T4.04*1.78*0.76	4.04±0.20	1.78±0.15	0.76±0.20	9.14	0.86	7.85	75	325	650	900	1300
T4.14*1.57*0.76	4.14±0.20	1.57±0.15	0.76±0.20	7.70	0.904	6.957	98	370	740	1030	1470
T4.14*1.65*0.76	4.14±0.20	1.65±0.15	0.76±0.20	9.09	0.94	8.54	80	350	700	980	1400
T4.14*2*3	4.14±0.20	2.00±0.15	3.00±0.20	9.64	3.21	30.94	260	1090	2180	3052	4360
T4.4*1.5*3	4.4±0.20	1.5±0.15	3.00±0.20	7.69	3.953	30.403	390	1620	3230	4520	6460
T4.4*1.78*0.76	4.4±0.20	1.78±0.15	0.76±0.20	9.71	1.00	9.66	80	350	700	1000	1400
T4.4*2.29*2	4.4±0.20	2.29±0.15	2.00±0.20	10.51	2.11	22.17	150	640	1280	1750	2560
T4.4*2.29*2.5	4.4±0.20	2.29±0.15	2.50±0.20	10.51	2.64	27.72	190	800	1600	2200	3200
T4.4*2.8*1.5	4.4±0.20	2.8±0.15	1.50±0.20	10.93	1.18	12.89	85	340	680	950	1360
T4.65*0.61*3.18	4.65±0.20	0.61±0.15	3.18±0.20	8.26	6.42	53.03	770	3230	6460	9044	12920
T4.83*2.29*0.76	4.83±0.20	2.29±0.15	0.76±0.20	11.18	0.97	10.79	65	285	570	800	1140
T4.83*2.29*0.9	4.83±0.20	2.29±0.15	0.90±0.20	11.18	1.14	12.78	80	335	670	940	1300
T4.83*2.29*1.27	4.83±0.20	2.29±0.15	1.27±0.20	11.18	1.61	18.04	110	475	950	1330	1900
T4.83*2.29*1.5	4.83±0.20	2.29±0.15	1.50±0.20	11.18	1.91	21.31	135	570	1140	1596	2280
T4.83*2.29*2	4.83±0.20	2.29±0.15	2.00±0.20	11.18	2.54	28.41	155	654	1450	2090	2980
T4.83*2.29*2.5	4.83±0.20	2.29±0.15	2.50±0.20	11.18	3.18	35.51	220	928	1900	2660	3800
T5*3*2.5	5.00±0.20	3.00±0.15	2.50±0.20	12.03	2.446	29.429	165	640	1280	1790	2560
T5.05*1.27*4	5.05±0.20	1.27±0.15	4.00±0.20	9.92	7.56	75.00	655	2760	5520	7728	11040
T5.05*1.78*0.76	5.05±0.20	1.78±0.15	0.76±0.20	10.73	1.24	13.33	85	360	728	1008	1440
T5.05*1.78*0.85	5.05±0.20	1.78±0.15	0.85±0.20	10.73	1.39	14.91	60	400	800	1100	1600
T5.84*1.52*0.86	5.84±0.20	1.52±0.15	0.86±0.20	11.56	1.86	21.48	120	520	1040	1560	2080
T5.84*3.05*0.85	5.84±0.20	3.05±0.15	0.85±0.20	13.96	1.19	16.56	80	230	480	720	980
T5.84*3.05*1.00	5.84±0.20	3.05±0.15	1.00±0.20	13.96	1.40	19.48	75	325	650	910	1300
T5.84*3.05*1.52	5.84±0.20	3.05±0.15	1.52±0.20	13.96	2.12	29.61	120	480	991	1338	1983
T5.84*3.05*2.54	5.84±0.20	3.05±0.15	2.54±0.20	13.96	3.54	49.48	230	825	1650	2310	3300
T5.84*3.05*3.05	5.84±0.20	3.05±0.15	3.05±0.20	13.96	4.25	59.42	280	991	1983	2776	3966
T5.95*2.75*2.4	5.95±0.20	2.75±0.15	2.40±0.20	12.392	3.655	45.291	240	930	1850	2590	3710