

TA SERIES ISOLATION TRANSFORMERS FOR ETHERNET APPLICATIONS

- IEEE 802.3 (10 Base 2, 10 Base 5) and ECMA compatible
- Low prolific packages 16 pin pattern
- Low leakage inductance and winding capacities for fast rise times
- More economical than discrete transformers. Three transformers per package
- High isolation voltages to comply with international safety requirements for LAN(ECMA 97)
- Auto-insertable

Model Number	Turns Ratio ($\pm 5\%$)	Sine Wave Inductance (μ Hy $\pm 20\%$)	Pulse Inductance (μ Hy Min)	Primary ET-Constant ($v\text{-}\mu$ s Min)	Rise Time (ns Max)	Pri/Sec Cw/w (pf Max)	Pri/Sec Leakage Inductance (μ Hy Max)	DCR (ohms)	Hi-pot (V Rms)	Package Style
TA035-01	1:1	35	28	1.8	3.0	8	0.2	0.2	500	A or B
TA050-02	1:1	50	40	2.1	3.0	9	0.2	0.2	500	A or B
TA075-03	1:1	75	60	2.1	3.0	10	0.2	0.2	500	A or B
TA075-04	1:1	75	60	2.1	3.0	10	0.2	0.2	2000	B
TA100-05B	1:1	100	80	2.1	3.0	10	0.2	0.3	500	B
TA100-06	1:1	100	80	2.1	3.0	10	0.2	0.3	2000	B
TA150-07	1:1	150	120	2.1	3.0	12	0.2	0.3	500	A or B
TA035-08	1:1	35	28	1.8	3.5	8	0.25	0.3	2000	B
TA050-09	1:1	50	40	2.2	3.5	9	0.25	0.3	2000	B
TA075-10	1:1	75	60	2.4	3.5	10	0.25	0.3	2000	B
TA100-11	1:1	100	80	2.1	3.5	10	0.25	0.4	2000	B
TA150-12	1:1	150	120	3.0	3.5	14	0.25	0.5	2000	B

