

Ethernet Transformers

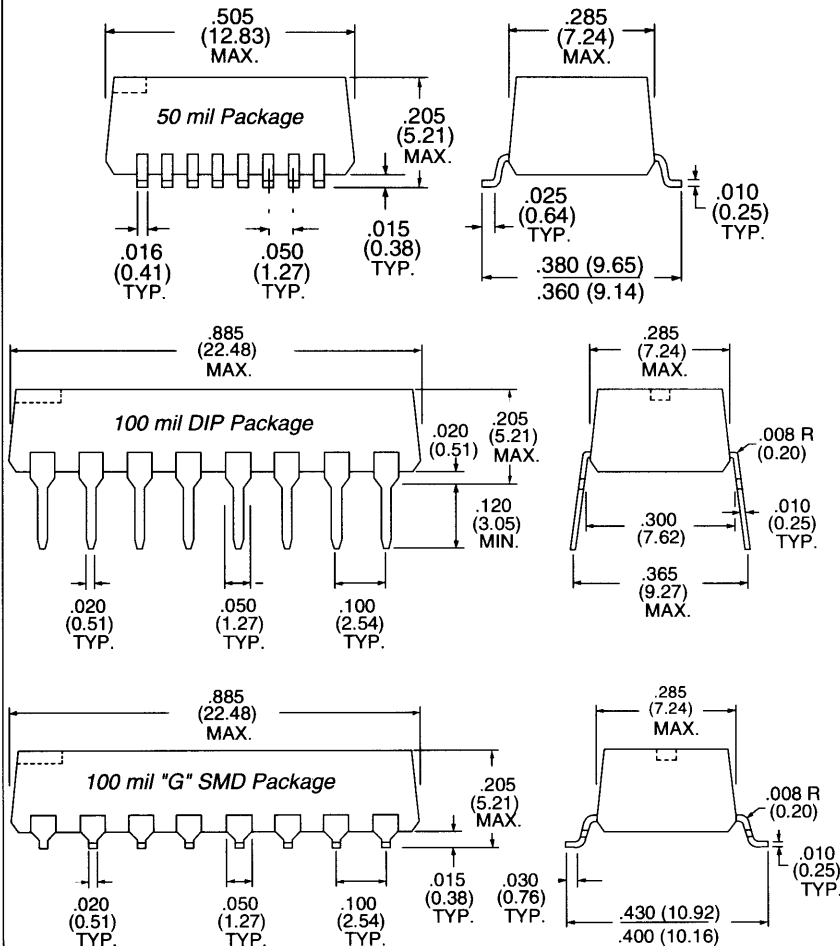
Triple & Quad Packages

IEEE 802.3 (10 BASE 2, 10 BASE 5) & ECMA Compatible
 High Isolation 2000 V_{RMS}
 Fast Rise Times
 Transfer Molded DIP / SMD Packages

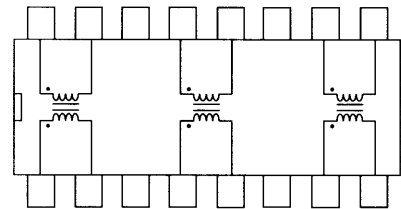
Electrical Specifications at 25° C

Quad 50 mil SMD P/N	Quad 100 mil DIP P/N	Triple 50 mil SMD P/N	Triple 100 mil DIP P/N	Turns Ratio (± 5%)	OCL (μH) (± 20%)	E-T min. (V-μS)	Rise Time max. (ns)	Pri./Sec. C _{w/w} max. (pF)	L _L max. (μH)	DCR max. (Ω)
T-50801	T-50501	T-14000	T-10902	1:1	50	2.1	3.0	9	.20	.20
T-50811	T-50511	T-14001	T-10903	1:1	75	2.3	3.0	10	.25	.25
T-50802	T-50502	T-14002	T-10905	1:1	100	2.7	3.5	10	.30	.30
T-50813	T-50513	T-14003	T-10906	1:1	150	3.0	3.5	12	.35	.35
T-50803	T-50503	T-14004	T-10907	1:1	200	3.5	3.5	15	.40	.40
T-50816	T-50516	T-14005	T-10908	1:1	250	3.5	3.5	15	.45	.45
T-50817	T-50517	T-14055	T-10913	1:1.41	50	2.1	3.0	9	.20	.20
T-50818	T-50518	T-14056	T-10914	1:1.41	75	2.3	3.0	10	.25	.25
T-50819	T-50519	T-14057	T-10916	1:1.41	100	2.7	3.5	10	.30	.30
T-50814	T-50514	T-14058	T-10917	1:1.41	150	3.0	3.5	12	.35	.35
T-50820	T-50520	T-14059	T-10918	1:1.41	200	3.5	3.5	15	.40	.40
T-50821	T-50521	T-14060	T-10919	1:1.41	250	3.5	3.5	15	.45	.45
T-50822	T-50522	T-14061	T-10922	1:2	50	2.1	3.0	9	.20	.20
T-50823	T-50523	T-14062	T-10923	1:2	75	2.3	3.0	10	.25	.25
T-50824	T-50524	T-14063	T-10925	1:2	100	2.7	3.5	10	.30	.30
T-50825	T-50525	T-14064	T-10926	1:2	150	3.0	3.5	12	.35	.35
T-50826	T-50526	T-14065	T-10927	1:2	200	3.5	3.5	15	.40	.40
T-50827	T-50527	T-14066	T-10928	1:2	250	3.5	3.5	15	.45	.45

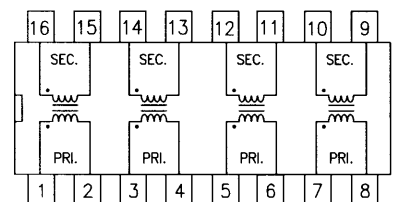
Dimensions in Inches (mm)



16-Pin Triple Schematic



16 Pin QUAD Schematic



SMD versions available
on Tape & Reel

To Specify 100 mil G-SMD Package
add "G" Suffix to P/n from Table above:

T-10905 = 100 mil DIP version
 T-10905G = 100 mil G-SMD version

For complete details including downloadable
 PDF catalogs and data sheets please visit
www.rhombus-ind.com

Specifications subject to change without notice.

For other values & Custom Designs, contact factory.

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