Ethernet Application Transformers

Triple & Quad Packages

IEEE 802.3 (10 BASE 2, 10 BASE 5) & ECMA Compatible

High Isolation 2000 V_{RMS}

Fast Rise Times

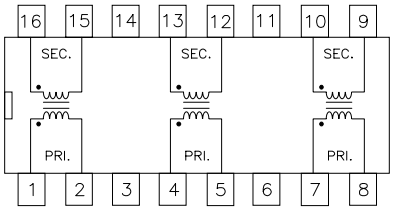
Transfer Molded DIP / SMD Packages

SMD versions available on Tape & Reel

Electrical Specifications at 25° C

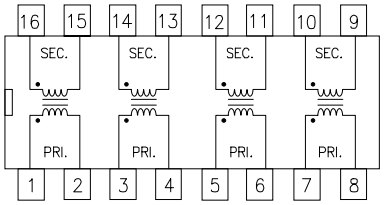
Triple **50 mil** SMD P/N	Triple **100 mil** DIP P/N	Schem. Style	Turns Ratio (±5%)	OCL (µH) (±20%)	E-T min. (V-µS)	Rise Time max. (ns)	Pri./Sec. $C_{W/W}$ max. (pF)	L_L max. (µH)	DCR max. (Ω)
T-14000	T-10902	Triple	1:1	50	2.1	3.0	9	.20	.20
T-14001	T-10903	Triple	1:1	75	2.3	3.0	10	.25	.25
T-14002	T-10905	Triple	1:1	100	2.7	3.5	10	.30	.30
T-14003	T-10906	Triple	1:1	150	3.0	3.5	12	.35	.35
T-14004	T-10907	Triple	1:1	200	3.5	3.5	15	.40	.40
T-14005	T-10908	Triple	1:1	250	3.5	3.5	15	.45	.45
T-14055	T-10913	Triple	1:1.41	50	2.1	3.0	9	.20	.20
T-14056	T-10914	Triple	1:1.41	75	2.3	3.0	10	.25	.25
T-14057	T-10916	Triple	1:1.41	100	2.7	3.5	10	.30	.30
T-14058	T-10917	Triple	1:1.41	150	3.0	3.5	12	.35	.35
T-14059	T-10918	Triple	1:1.41	200	3.5	3.5	15	.40	.40
T-14060	T-10919	Triple	1:1.41	250	3.5	3.5	15	.45	.45
T-14061	T-10922	Triple	1:2	50	2.1	3.0	9	.20	.20
T-14062	T-10923	Triple	1:2	75	2.3	3.0	10	.25	.25
T-14063	T-10925	Triple	1:2	100	2.7	3.5	10	.30	.30
T-14064	T-10926	Triple	1:2	150	3.0	3.5	12	.35	.35
T-14065	T-10927	Triple	1:2	200	3.5	3.5	15	.40	.40
T-14066	T-10928	Triple	1:2	250	3.5	3.5	15	.45	.45

16-Pin Triple Schematic

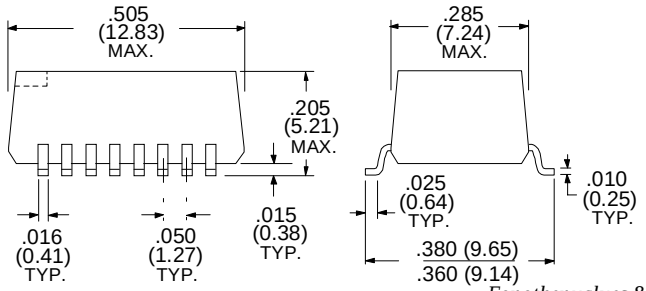


Quad **50 mil** SMD P/N	Quad **100 mil** DIP P/N	Schem. Style	Turns Ratio (±5%)	OCL (µH) (±20%)	E-T min. (V-µS)	Rise Time max. (ns)	Pri./Sec. $C_{W/W}$ max. (pF)	L_L max. (µH)	DCR max. (Ω)
T-50801	T-50501	Quad	1:1	50	2.1	3.0	9	.20	.20
T-50811	T-50511	Quad	1:1	75	2.3	3.0	10	.25	.25
T-50802	T-50502	Quad	1:1	100	2.7	3.5	10	.30	.30
T-50813	T-50513	Quad	1:1	150	3.0	3.5	12	.35	.35
T-50803	T-50503	Quad	1:1	200	3.5	3.5	15	.40	.40
T-50816	T-50516	Quad	1:1	250	3.5	3.5	15	.45	.45
T-50817	T-50517	Quad	1:1.41	50	2.1	3.0	9	.20	.20
T-50818	T-50518	Quad	1:1.41	75	2.3	3.0	10	.25	.25
T-50819	T-50519	Quad	1:1.41	100	2.7	3.5	10	.30	.30
T-50814	T-50514	Quad	1:1.41	150	3.0	3.5	12	.35	.35
T-50820	T-50520	Quad	1:1.41	200	3.5	3.5	15	.40	.40
T-50821	T-50521	Quad	1:1.41	250	3.5	3.5	15	.45	.45
T-50822	T-50522	Quad	1:2	50	2.1	3.0	9	.20	.20
T-50823	T-50523	Quad	1:2	75	2.3	3.0	10	.25	.25
T-50824	T-50524	Quad	1:2	100	2.7	3.5	10	.30	.30
T-50825	T-50525	Quad	1:2	150	3.0	3.5	12	.35	.35
T-50826	T-50526	Quad	1:2	200	3.5	3.5	15	.40	.40
T-50827	T-50527	Quad	1:2	250	3.5	3.5	15	.45	.45

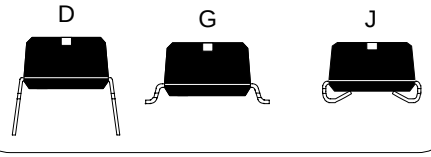
16 Pin QUAD Schematic



50 mil Package Dimensions in Inches (mm)



100 mil 16-Pin DIP/SMD Packages
(Add *G* or *J* to P/N for SMD)
See pg. 40, fig. 4, 5 & 6



Specifications subject to change without notice.

For other values & Custom Designs, contact factory.

ETHRQUAD- 7/97

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