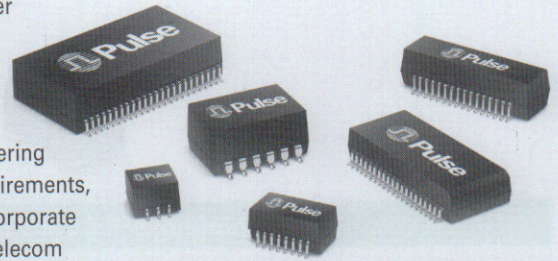


Pulse is a leading provider of magnetics for telecom infrastructure equipment, customer premises equipment, audio interface applications, and emerging applications such as VoIP. Our broad portfolio of transformers and integrated transformer modules support T1/E1/ISDN-PRI, T3/E3/STS-1, ISDN-S, ISDN-U, Digital Audio, and DDS.

Package options include surface mount, through hole, single, dual, quad and octal covering standard and extended temperature ranges. Many parts meet ANSI, ITU and ETSI requirements, and many are recognized by UL, TUV, BABT, Austel and/or CSA. Numerous models incorporate our patented "Interlock Base" construction, ensuring high reliability. Please see our "Telecom IC Cross Reference" section beginning on page 24.



TRANSFORMERS

T1/E1/CEPT/ISDN-PRI—SINGLE, DUAL

Part Number	Turns Ratio	Primary Inductance OCL (mH MIN)	Package L/W/H (in.)*	Data Sheet	Part Number	Turns Ratio	Primary Inductance OCL (mH MIN)	Package L/W/H (in.)*	Data Sheet
SINGLE TRANSFORMERS					3.0kV – Reinforced Insulation per IEC 950, THT				
1.5kV Isolation, Standard Temperature Range, THT					PE-65830	1:1:1.58	0.80	.558 / .558 / .400	T608
PE-64931	1:1:1 (1:2CS)	1.20	.350 / .500 / .250	T608	PE-65831	1:1:2	0.80	.558 / .558 / .400	T608
PE-64933	1CT:3CT	1.20	.350 / .500 / .250	T608	PE-65832	1:1.36CT	1.20	.558 / .558 / .400	T608
PE-64934	1:1	1.20	.350 / .500 / .250	T608	PE-65833	1CT:2CT	1.20	.558 / .558 / .400	T608
PE-64936	1CT:1	1.20	.350 / .500 / .250	T608	PE-65834	1:1	1.20	.558 / .558 / .400	T608
PE-64937	1:1.36	1.20	.350 / .500 / .250	T608	PE-65835 ¹	1CT:2CT	1.20	.558 / .558 / .400	T608
PE-64940	1:1:1.58	0.30	.350 / .500 / .250	T608	PE-65836	1CT:3CT:1	.600	.558 / .558 / .400	T608
PE-64941	1:1:2	0.80	.350 / .500 / .250	T608	PE-65837	1:1.08:1.36	1.50	.558 / .558 / .400	T608
PE-64942	1:1:2.62	0.80	.350 / .500 / .250	T608	PE-65838	1:1:1.14	1.50	.558 / .558 / .400	T608
PE-64943	1CT:2CT	1.20	.350 / .500 / .250	T608	PE-65839	1:1:1.266	1.50	.558 / .558 / .400	T608
PE-65351	1:2CT	1.20	.350 / .500 / .250	T608	PE-68646	1:1.58:2	1.50	.558 / .558 / .400	T608
PE-65363	1:4CT	0.50	.350 / .500 / .250	T608	PE-68788	1CT:1.41CT	0.80	.558 / .558 / .400	T608
PE-65379	1:1.14CT	1.20	.350 / .500 / .250	T608	DUAL TRANSFORMERS				
PE-65388	1:1.15CT	1.50	.350 / .500 / .250	T608	1.5kV Isolation, Extended Temperature Range, THT				
PE-65389	1:1:1.266	1.50	.350 / .500 / .250	T608	PE-68618	1CT:1CT & 1CT:3CT:25	1.20 & 0.60	1.000 / .390 / .290	T608
PE-65415	1CT:2CT	1.20	.350 / .500 / .250	T608	PE-64950	1CT:1CT & 1CT:3CT:1	1.20 & 0.60	1.000 / .390 / .290	T608
PE-65558	1:2.3CT	1.20	.350 / .500 / .250	T608	PE-65567	1:1.15CT & 1:2CT	1.50 & 1.20	.800 / .390 / .290	T608
PE-65586	1:1.36CT	1.20	.350 / .500 / .250	T608	PE-65568	1:1:1.266 & 1:2CT	1.50 & 1.20	.800 / .390 / .290	T608
PE-65755	1CT:1CT	1.20	.350 / .500 / .250	T608	PE-65774	1CT:2CT & 1:1.36CT	1.20 & 1.20	.800 / .390 / .290	T608
PE-68644	1CT:1	0.70	.350 / .500 / .250	T608	1.5kV Isolation, Standard Temperature Range, THT				
PE-68645	1:1.36CT	0.70	.350 / .500 / .250	T608	PE-64951	1:2CT & 1:2CT	1.20 & 1.20	.800 / .390 / .250	T608
T1054	1:1.5CT	1.20	.350 / .500 / .250	T608	PE-64952	1:2CT & 1:1.36CT	1.20 & 1.20	.800 / .390 / .250	T608
T1249	1:1.26CT	1.20	.350 / .500 / .250	T608	PE-64953	1:2CT & 1:2CT	2.00 & 2.00	.800 / .390 / .250	T608
1.5kV Isolation, Extended Temperature Range, THT					PE-64954	1CT:2CT & 1:1	1.20 & 1.20	.800 / .390 / .250	T608
PE-68664	1:1:1.26	1.50	.350 / .500 / .250	T608	PE-64955	1.58:2CT & 1.58:1	0.80 & 0.80	.800 / .390 / .250	T608
PE-65340	1:1.36	1.20	.350 / .500 / .250	T608	PE-64956	2:2CT & 2:1	0.80 & 0.80	.800 / .390 / .250	T608
PE-65770	1:1.15CT	1.50	.350 / .500 / .250	T608	PE-64957	2.62:2CT & 2.62:1	1.20 & 1.20	.800 / .390 / .250	T608
PE-65771	1CT:2CT	1.20	.350 / .500 / .250	T608	PE-65565	1:1.15CT & 1:2CT	1.50 & 1.20	.800 / .390 / .290	T608
PE-65778	1CT:1CT	1.20	.350 / .500 / .250	T608	PE-65566	1:1:1.266 & 1:2CT	1.50 & 1.20	.800 / .390 / .290	T608
PE-68600	1CT:3CT	1.20	.350 / .500 / .250	T608	1.5kV Isolation, Standard Temperature Range, BH Package, SMT				
TX1252	1CT:1	1.2	.350 / .500 / .250	T608	T1136	1CT:1CT & 1CT:1.36CT	1.20 & 1.20	.505 / .375 / .245	T608
T1229	1:1.583CT	1.20	.350 / .500 / .250	T659	T1022	1CT:1CT & 1CT:1.5CT	1.20 & 1.20	.505 / .375 / .245	T608
1.5kV Isolation, Extended Temperature Range, SMT					T1190	1CT:1.36CT & 1CT:1CT	1.20 & 1.20	.505 / .375 / .245	T654
TX1281	1CT:1	2.0	.220 / .305 / .200	T669	PE-65861	1CT:2CT & 1CT:2CT	1.20 & 1.20	.505 / .375 / .245	T608
TX1282	1.14CT:1	2.2	.220 / .305 / .200	T669	PE-65862	1CT:2CT & 1:1.36CT	1.20 & 1.20	.505 / .375 / .245	T608
TX1283	1.35CT:1	2.0	.220 / .305 / .200	T669	PE-65865	1:1.15CT & 1CT:2CT	1.20 & 1.20	.505 / .375 / .245	T608
TX1284	1.26CT:1	1.2	.220 / .305 / .200	T669	PE-65866	1:1:1.26 & 1CT:2CT	1.20 & 1.20	.505 / .375 / .245	T608
TX1491	1CT:1	1.2	.220 / .305 / .200	T669	PE-65870	1CT:1.15CT & 1CT:1.15CT	1.20 & 1.20	.505 / .375 / .245	T608
TX1492	2CT:1	2.15	.220 / .305 / .200	T669	PE-68678	1CT:1CT & 1CT:2CT	1.20 & 1.20	.505 / .375 / .245	T608
TX1314	1:1:1.26	1.2	.300 / .390 / .250	T678	PE-68786	1CT:1.41CT & 1CT:1.41CT	1.00 & 1.00	.505 / .375 / .245	T608
TX1315	1CT:1CT	1.2	.300 / .390 / .250	T678	T1023	1CT:1.41CT & 1CT:1.41CT	1.00 & 1.00	.505 / .375 / .245	T608
TX1320	1CT:1.36CT	1.2	.300 / .390 / .250	T678	T1137	1CT:2.42CT & 1CT:2.42CT	1.20 & 1.20	.505 / .375 / .245	T651
					T1021	2CT:1/1.26 & 2CT:1/1.26	1.50 & 1.50	.505 / .375 / .245	T637
					T1075	2CS:1.57/2 & 2CS:1.57/2	1.20 & 1.20	.505 / .375 / .245	T637
					T1122	1CT:2CT & 1CT:2.3CT	1.20 & 1.20	.505 / .375 / .245	T608
					T1121	1CT:1.5CT & 1CT:1.5CT	1.50 & 1.50	.505 / .375 / .245	T608
					T1286	1CT:2.4CT & 1CT:2.4CT	1.20 & 1.20	.505 / .375 / .245	T608

1. To make a 1CT:1 ratio from a 1CT:2CT ratio, use only one-half the 2CT winding.

*L/W/H is measured on surface mount parts tip to tip (height includes wash area).

SMT - Surface Mount Package THT - Through Hole Package