

## TRANSFORMERS, MODULES

### ISDN U-INTERFACE<sup>1</sup>

Part Number			Turns Ratio	OCL Line Side (mH)	Package L/W/H (in.)*	Data Sheet
1.5-2.0 kV	2.5 kV	3 kV				
<b>THT</b>						
PE-65575	—	PE-68669	1.65:1	13.0 - 18.0	1.100 / .750 / .430	T603
PE-65578	—	—	1.32:1	7.0 - 8.3	1.100 / .750 / .430	T603
PE-65579	—	—	2.00:1	25.5 - 28.5	1.100 / .950 / .450	T603
PE-65581	—	—	1.50:1	14.2-15.8	1.100 / .950 / .450	T603
PE-65583	PE-68631	—	1.50:1	25.6-28.4	1.100 / .950 / .450	T603
PE-65584	PE-68681	—	1.50:1	25.6-28.4	1.100 / .950 / .450	T603
PE-68628	PE-68668	—	1.25:1	26.5-29.5	1.100 / .950 / .450	T603
T4008	—	—	1.50:1	73.0-98.0	1.050 / .900 / 1.050	T616
PT4084	—	—	1:0.75:0.75	85.0	.800 / 1.020 / .675	PT4084
PT5031	—	—	1:1.25	14.5	.800 / 1.020 / .675	PT5031
PT5062	—	—	1:1.6CT	27.0	.800 / 1.020 / .675	PT5062
PT5065	—	—	1:1.33CT	27.0	.800 / 1.020 / .675	PT5065
T4022	—	—	1.6CS:1CT	8.41-2.60	.760 / .870 / .450	T625

Part Number	Turns Ratio	Primary Inductance OCL (mH MIN)	Package L/W/H (in.)*	Data Sheet
<b>SMT</b>				
T4001	1.25:1	26.5 - 30.0	.760 / .870 / .500	T614
T4002	1.65:1	15.0 - 18.0	.760 / .870 / .500	T614
T4004	1.50:1	25.6 - 28.4	.760 / .870 / .500	T614
T4006	1.50:1	14.2 - 15.8	.760 / .870 / .500	T614
T4031	1.65CS:1CT	13.0 - 18.0	.695 / .530 / .485	T624
T4032	1.25CS:1CT	11.9 - 16.1	.695 / .530 / .485	T624
T4033	1.25CS:1CT	26.6 - 29.4	.695 / .530 / .485	T624
T4043	2CS:1CS	13.5 - 16.5	.695 / .530 / .485	T624
T4067	1.32CS:1	7.5 - 8.3	.695 / .530 / .485	T624

1. Echo Cancellation Hybrid units PE-36005 and PE-36005W are also available.

### ECHELON® & DIGITAL AUDIO SINGLE

Part Number	Turns Ratio	Primary Inductance OCL (mH MIN)	Package L/W/H (in.)*	Data Sheet
<b>THT</b>				
PE-65948	1CT:1CT	3.5 - 6.5	.350 / .500 / .250	T602
PE-65612	1:1	2.5	.350 / .500 / .250	T601
<b>SMT</b>				
PE-65848	1CS:1CS	3.5 - 6.5	.480 / .600 / .340	T602
PE-65812	1:1	2.5	.480 / .600 / .340	T601

### DDS / SWITCHED 56

<b>SMT</b>				
T7002	1CT:1CT	40	.530 / .695 / .485	T629

### AUDIO / VOICE BAND

Part Number	Turns Ratio	Isolation Voltage	Package L/W/H (in.)*	Data Sheet
<b>SMT</b>				
T6003	1:1	1500	.530 / .695 / .485	T628

### ISDN S-INTERFACE

Part Number	Turns Ratio	Transformer Prim. Inductance OCL (mH MIN)	Choke OCL (mH MIN)	Package L/W/H (in.)*	Data Sheet
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#### MODULES (TRANSFORMERS & CHOKES)

<b>THT</b>					
T5011	1CT:1CT & 1CT:1CT	30	4.70	1.150 / .420 / .590	T632
T5012	1CT:2CT & 1CT:2CT	30	4.70	1.150 / .420 / .590	T632
T5013	1CT:2.5CT & 1CT:2.5CT	30	4.70	1.150 / .420 / .590	T632
T5015	1:2CT & 1:2CT	30	4.70	1.150 / .420 / .590	T632
<b>SMT</b>					
T5034	1CT:2CT & 1CT:2CT	30	4.70	1.170 / .660 / .320	T635
T5037	1CT:2.5CT & 1CT:2.5CT	30	4.70	1.170 / .660 / .320	T635
T5038	1CT:2CT & 1CT:2CT	30	0.47	1.170 / .660 / .320	T635
T5039	1CT:2.5CT & 1CT:2.5CT	30	0.47	1.170 / .660 / .320	T635
ST5201	1CS:2CS & 1CS:2CS	22	0.42	.987 / .575 / .340	ST5201
T5049	1CT:1CT & 1CT:1CT	30	4.70	1.170 / .660 / .320	T635

### ISDN S-INTERFACE (continued)

Part Number	Turns Ratio	Primary Inductance OCL (mH MIN)	Package L/W/H (in.)*	Data Sheet
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#### SINGLE TRANSFORMERS

<b>SMT - 1.5 kV ISOLATION, PCMCIA TYPE 2</b>				
T5002	1:1	22	.492 / .670 / .167	T631
T5003	1:2	22	.492 / .670 / .167	T631
T5004	1:2.5	22	.492 / .670 / .167	T631

<b>1.5 kV ISOLATION</b>				
T5020	1:2	22	.550 / .760 / .390	T633
T5021	1:1	22	.550 / .760 / .390	T633
T5022	1:2.5	22	.550 / .760 / .390	T633
T5023	1:2	22	.550 / .760 / .390	T633
T5033	1:2	22	.550 / .760 / .390	T633

<b>THT - 2.0 kV ISOLATION</b>				
PE-64993	1:1	22	.560 / .560 / .400	T604
PE-64994	1:1.8	22	.560 / .560 / .400	T604
PE-64995	1:2	22	.560 / .560 / .400	T604
PE-64996	1:2.5	22	.560 / .560 / .400	T604
PE-64998	1:2.5	22	.560 / .560 / .400	T604
PE-64999	1:2	22	.560 / .560 / .400	T604

#### DUAL TRANSFORMERS

<b>THT - 2.0 kV ISOLATION</b>				
PE-65492	1:1 & 1:2	22	.920 / .560 / .400	T604
PE-65493	1:1 & 1:1	22	.920 / .560 / .400	T604
PE-65495	1:2 & 1:2	22	.920 / .560 / .400	T604
PE-65498	1:2.5 & 1:2.5	22	.920 / .560 / .400	T604
PE-65499	1:2 & 1:2	22	.920 / .560 / .400	T604

<b>SMT - 2.0 kV ISOLATION</b>				
PE-65792	1:1 & 1:2	22	.950 / .720 / .390	T604
PE-65793	1:1 & 1:1	22	.950 / .720 / .390	T604
PE-65795	1:2 & 1:2	22	.950 / .720 / .390	T604
PE-65798	1:2.5 & 1:2.5	22	.950 / .720 / .390	T604
PE-65799	1:2 & 1:2	22	.950 / .720 / .390	T604
ST5048	1CS:2.5CS & 1CS:2.5CS	22	.987 / .575 / .340	ST5048
ST5069	1CS:2CS & 1CS:2CS	22	.987 / .575 / .340	ST5069

#### LOW PROFILE - 2.0 kV ISOLATION

T5005	1:2.5 & 1:2.5	22	.950 / .720 / .295	T613
T5006	1:2 & 1:2	22	.950 / .720 / .295	T613
T5007	1:2 & 1:2	22	.950 / .720 / .295	T613
T5008	1:1 & 1:1	22	.950 / .720 / .295	T613
T5009	1:1 & 1:2	22	.950 / .720 / .295	T613
T5010	1:1.8 & 1:1.8	22	.950 / .720 / .295	T613

#### 3.0 kV ISOLATION SINGLE & DUAL TRANSFORMERS

<b>THT - SINGLE, REINFORCED INSULATION PER IEC 950</b>				
PE-68992	1:2CT	22	.750 / .750 / .500	T604
PE-68993	1:1	22	.750 / .750 / .500	T604
PE-68995	1:2	22	.750 / .750 / .500	T604
PE-68998	1:2.5	22	.750 / .750 / .500	T604
PE-68999	1:2	22	.750 / .750 / .500	T604
T5035	1CT:2CT	30	.578 / .648 / .565	T636

<b>SMT - SINGLE, REINFORCED INSULATION PER IEC 950</b>				
T5024	1:2	22	.550 / .760 / .420	T633
T5025	1:1	22	.550 / .760 / .420	T633
T5026	1:2.5	22	.550 / .760 / .420	T633
T5036	1:2	22	.550 / .760 / .420	T633

<b>SMT - DUAL</b>				
T5042	1:2 & 1:2	22	1.092 / .726 / .430	T638
T5043	1:2.5 & 1:2.5	22	1.092 / .726 / .430	T638

### SONET/SDH (STM-1/E4/CM1) DUAL TRANSFORMERS

Part Number	Turns Ratio	Primary Inductance OCL (μH MIN)	Package L/W/H (in.) <sup>1</sup>	Data Sheet
A7802	1:1	42	.500 / .295 / .220	A103
ST6200T	1CT:1CT	46	.457 / .260 / .233	A105

1. SOIC = 50 mil pitch leads. Length and width are MAX package dimensions. Height dimensions include the wash area.

\* L/W/H is measured on surface mount parts tip to tip (height includes wash area).  
**SMT** - Surface Mount Package    **THT** - Through Hole Package