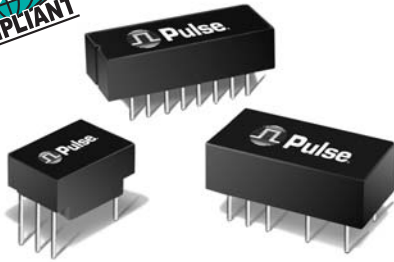








# T1/CEPT/ISDN-PRI TRANSFORMERS

## Single Through Hole, 1500Vrms



-  Extended and standard temperature range
-  Dual and single through hole models available
-  Models matched to leading transceiver ICs
-  UL recognized
-  Isolation Voltage: 1500Vrms MIN
-  RoHS compliant versions available upon request

### Electrical Specifications @ 25°C

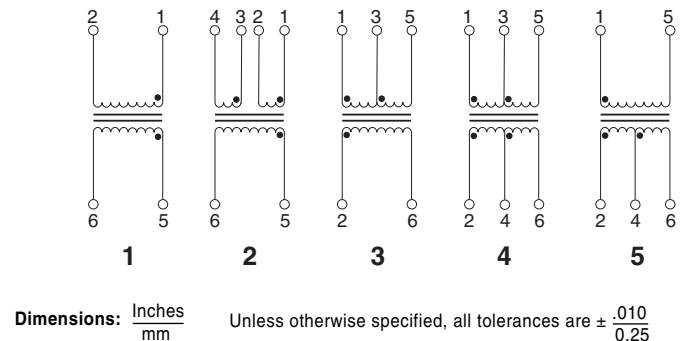
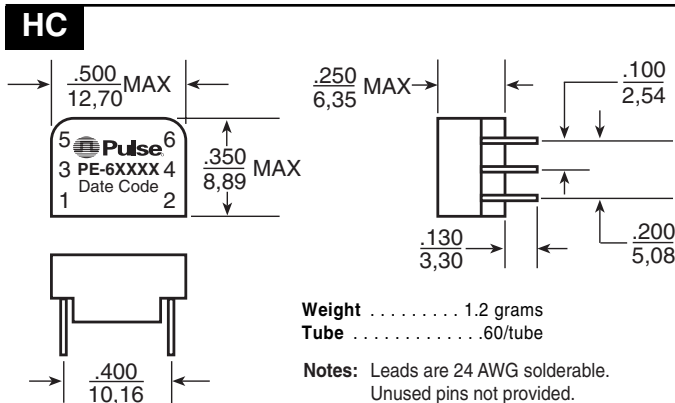
Part Number	Turns Ratio <sup>B</sup> (Pri:Sec ±5%)	OCL @ 25°C (mH MIN)	C <sub>w/w</sub> (pF MAX)	L <sub>L</sub> (μH MAX)	DCR Pri (Ω MAX)	DCR Sec (Ω MAX)	Package/ Schematic	Primary Pins
<b>STANDARD TEMPERATURE RANGE SINGLE TRANSFORMERS – OPERATING TEMPERATURE 0°C TO +70°C</b>								
PE-64931	1:1:1 (1:2CS)	1.20	25	0.50	0.70	0.70 & 0.70	HC/2	1-2
PE-64933	1CT:3CT	1.20	30	0.50	0.70	1.60	HC/4	1-5
PE-64934	1:1	1.20	25	0.50	0.70	0.70	HC/1	1-2
PE-64936	1CT:1	1.20	25	0.80	0.70	0.70	HC/3	1-5
PE-64937	1:1.36	1.20	35	0.80	0.70	0.80	HC/1	5-6
PE-64940	1.26CS:1 (1:1:1.58)	0.30	30	0.60	0.80	0.60	HC/2	1-4
PE-64941 <sup>D</sup>	1CS:1	0.80	30	0.60	0.80	0.60	HC/2	1-4
PE-64942	1CS:1.31	0.80	30	0.40	0.80	0.60	HC/2	1-4
PE-64943 <sup>A</sup>	1CT:2CT	1.20	30	0.30-0.55	0.70	1.20	HC/4	1-5
PE-65351	1:2CT	1.20	40	0.50	0.70	1.30	HC/3	2-6
PE-65363	1:4CT	0.50	40	1.00	0.50	1.50	HC/5	1-5
PE-65379	1:1.14CT	1.20	35	0.80	0.70	0.80	HC/5	1-5
PE-65388	1:1.15CT	1.50	35	0.60	0.70	0.90	HC/3	2-6
PE-65389 <sup>E</sup>	1:1/1.26	1.50	40	0.40	0.70	0.90	HC/3	2-6
PE-65415	1CT:2CT	1.20	30	0.50	0.70	1.20	HC/4	1-5
PE-65558	1:2.3CT	1.20	35	0.80	0.70	1.40	HC/5	1-5
PE-65586	1:1.36CT	1.20	35	0.80	0.70	0.90	HC/5	1-5
PE-65755	1CT:1CT	1.20	25	0.80	0.80	0.80	HC/4	1-5
PE-68644	1CT:1	0.70	20	0.70	0.20	0.80	HC/3	1-5
PE-68645	1:1.36CT	0.70	20	0.70	0.50	0.40	HC/5	1-5
T1054	1:1.5CT	1.20	30	0.60	0.70	1.00	HC/3	2-6
T1249	1:1.26CT	1.20	60	0.80	0.90	1.00	HC/4	2-6
<b>EXTENDED TEMPERATURE RANGE SINGLE TRANSFORMERS 1 – OPERATING TEMPERATURE -40°C TO +85°C</b>								
PE-65340	1:1.36	1.20	35	0.80	0.90	1.20	HC/1	5-6
PE-65770	1:1.15CT	1.50	40	0.80	0.90	1.00	HC/3	2-6
PE-65771	1CT:2CT	1.20	50	0.60	1.00	2.00	HC/4	2-6
PE-65778	1CT:1CT	1.20	40	1.00	1.00	1.00	HC/4	1-5
PE-68600	1CT:3CT	1.20	60	0.80	0.90	2.70	HC/4	1-5
PE-68664 <sup>E</sup>	1:1/1.26	1.50	50	0.80	0.90	1.10	HC/3	2-6
TX1252	1CT:1	1.20	40	1.00	1.00	1.00	HC/3	1-5

NOTE: RoHS-6 compliant parts can be ordered by adding an "NL" suffix to the part number (i.e. PE-64931 becomes PE-64931NL).

(See Pages 6 and 7 for Table Notes)

## Mechanical

## Schematics



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