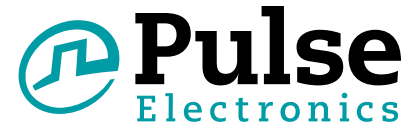
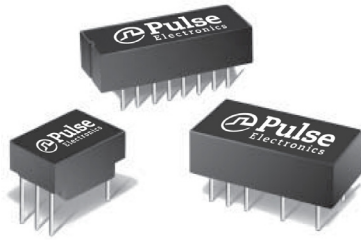


T1/Cept/ISDN-PRI Transformers

Single Through Hole, 1500Vrms



- RoHS peak reflow temperature rating: 245°C
- Extended and standard temperature range
- Dual and single through hole models available
- Models matched to leading transceiver ICs
- UL recognized
- Isolation Voltage: 1500 Vrms MIN

Electrical Specifications @ 25°C

RoHS-6 Compliant Part Number	Turns Ratio ^B (Pri:Sec ±2%)	OCL @ 25°C (mH MIN)	C _{w/w} (pF MAX)	L _L (μH MAX)	DCR Pri (Ω MAX)	DCR Sec (Ω MAX)	Package/Schematic	Primary Pins
Standard Temperature Range Single Transformers - Operating Temperature 0°C to +70°C								
PE-64931NL	1:1:1 (1:2CS)	1.20	25	0.50	0.70	0.70 & 0.70	HC/2	1-2
PE-64934NL	1:1:w	1.20	25	0.50	0.70	0.70	HC/1	1-2
PE-64936NL ^E	1CT:1	1.20	25	0.80	0.70	0.70	HC/3	1-5
PE-64937NL	1:1.36	1.20	35	0.80	0.70	0.80	HC/1	5-6
PE-65351NL	1:2CT	1.20		0.50	0.70	1.30	HC/3	2-6
PE-65363NL	1:4CT	0.50	40	1.00	0.70	1.50	HC/5	1-5
PE-65388NL	1:1.15CT	1.50	35	0.60	0.70	0.90	HC/3	2-6
PE-65389NL ^E	1:1/1.26	1.50	40	0.40	0.70	0.90	HC/3	2-6
PE-65415NL	1CT:2CT	1.20	30	0.50	0.70	1.20	HC/4	1-5
PE-68644NL	1CT:1	0.70	20	0.70	0.20	0.80	HC/3	1-5
Extended Temperature Range Single Transformer - Operating Temperature -40°C to +85°C								
PE-65770NL	1:1.15CT	1.50	40	0.80	0.90	1.00	HC/3	2-6
PE-65771NL	1CT:2CT	1.20	50	0.60	1.00	2.00	HC/4	2-6
PE-65778NL	1CT:1CT	1.20	40	1.00	1.00	1.00	HC/4	1-5
TX1252NL	1CT:1	1.20	40	1.00	1.00	1.00	HC/3	1-5

ages 7 and 8 for Table Notes.

Mechanical

Schematic

HC

Notes: Leads are 24 AWG solderable. Unused pins not provided.

Dimensions: $\frac{\text{Inches}}{\text{mm}}$ Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

Weight2 grams
 Tube60/tube

USA 858 674 8100

Germany 49 7032 7806 0

Singapore 65 6287 8998

Shanghai 86 21 62787060

China 86 755 33966678

Taiwan 886 3 4756768

T1/Cept/ISDN-PRI Transformers

Dual Through Hole, 1500 Vrms



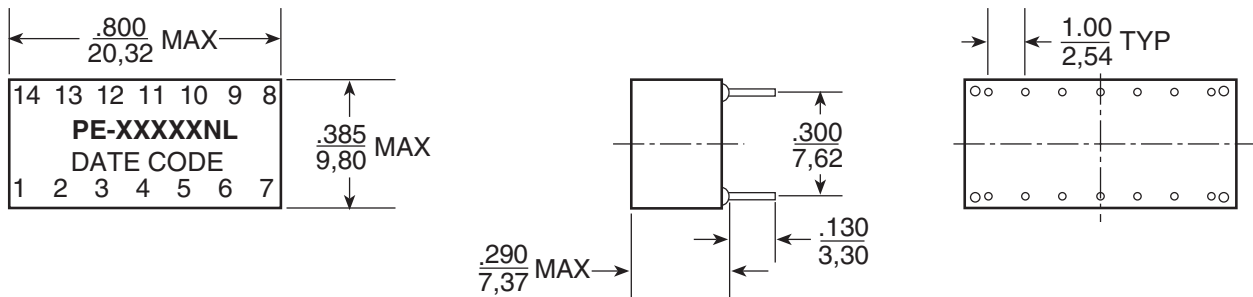
Electrical Specifications @ 25°C

RoHS-6 Compliant Part Number	Turns Ratio ^B (Pri:Sec ±5%)	OCL @ 25°C (mH MIN)	C _{w/w} (pF MAX)	L _L (μH MAX)	DCR Pri (Ω MAX)	DCR Sec (Ω MAX)	Package/Schematic	Primary Pins
Standard Temperature Range Single Transformers - Operating Temperature 0°C to +70°C								
PE-64952NL	1:2CT & 1:1.36	1.20 & 1.20	35 & 35	0.50 & 0.80	0.80 & 0.80	1.20 & 1.00	HD/2	14-12, 5-7
PE-65565NL	1:1.15CT & 1:2CT	1.50 & 1.20	35 & 40	0.60 & 0.50	0.70 & 0.70	1.10 & 1.30	TD/1	14-12, 5-7

See Pages 7 and 8 for Table Notes.

Mechanicals

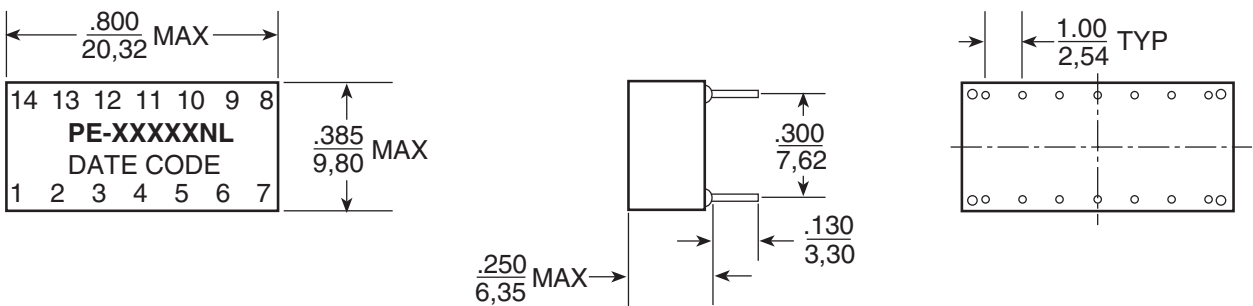
TD DUAL



Weight2.6 grams
 Tube25/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

HD DUAL



Weight2.3 grams
 Tube25/tube

Dimensions: $\frac{\text{Inches}}{\text{mm}}$
 Unless otherwise specified, all tolerances are $\pm \frac{.010}{0,25}$

Schematics

