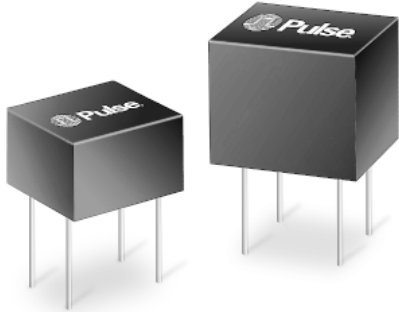





# GENERAL PURPOSE TRANSFORMERS

## Control Transformers



-  Recognized component – Underwriter's Laboratories, Inc.
-  High dielectric strength capability for industrial applications
-  High ET – product allows long pulse width

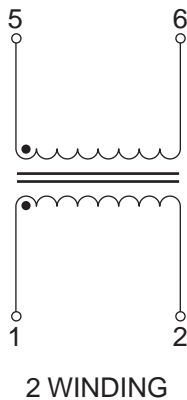
### Electrical Specifications @ 25°C — Operating Temperature 0°C to 70°C

Part Number	Turns Ratio (±10%)	Primary Sine Wave OCL (mH MIN)	Primary ET-Constant (V-μs MIN)	PRI/SEC C <sub>ww</sub> (pF MAX)	PRI/SEC Leakage Inductance	Primary DCR (Ω MAX)	Secondary DCR (Ω MAX)	Hi Pot* PRI/SEC (V <sub>rms</sub> )	Schematic/Package Style
PE-61001	1:1	1.0	360	30	15.0	2.8	3.1	1600	A/TH11
PE-61003	2:1	0.2	180	24	5.0	1.4	0.9	1600	A/TH11
PE-61006	1:1:1	0.2	180	30	5.0	—	1.5	1600	B/TH11
PE-61007	1:1:1	1.0	360	36	12.0	2.8	3.6	1600	B/TH11
PE-61008	1:1:1	5.0	866	42	80.0	6.0	7.2	1600	B/TH11
PE-61014	1:1	1.0	700	36	26.0	3.0	3.2	2400	A/TH12
PE-61015	1:1	5.0	1500	42	130.0	6.3	7.0	2400	A/TH12
PE-61017	2:1	1.0	700	36	24.0	3.0	2.0	2400	A/TH12
PE-61018	2:1	5.0	1500	42	125.0	6.3	4.0	2400	A/TH12
PE-61019	1:1:1	0.2	290	34	4.7	1.4	1.5	2400	B/TH12
PE-61023	2:1:1	1.0	700	40	27.0	3.0	2.0	2400	B/TH12

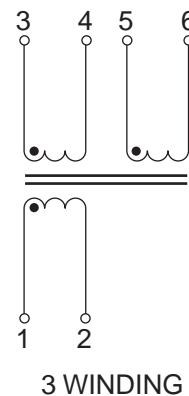
\*NOTE: PE-61001–PE-61023 Hi Pot SEC/SEC 300 V<sub>rms</sub>. Average Power Rating: 2 Watts. UL-478 Recognized, File Number E52661.

### Schematics

A



B



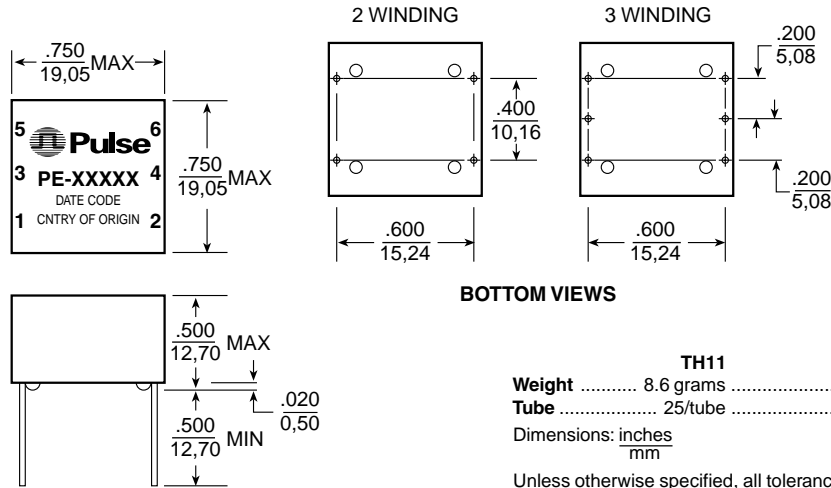
# GENERAL PURPOSE TRANSFORMERS

## Control Transformers



### Mechanicals

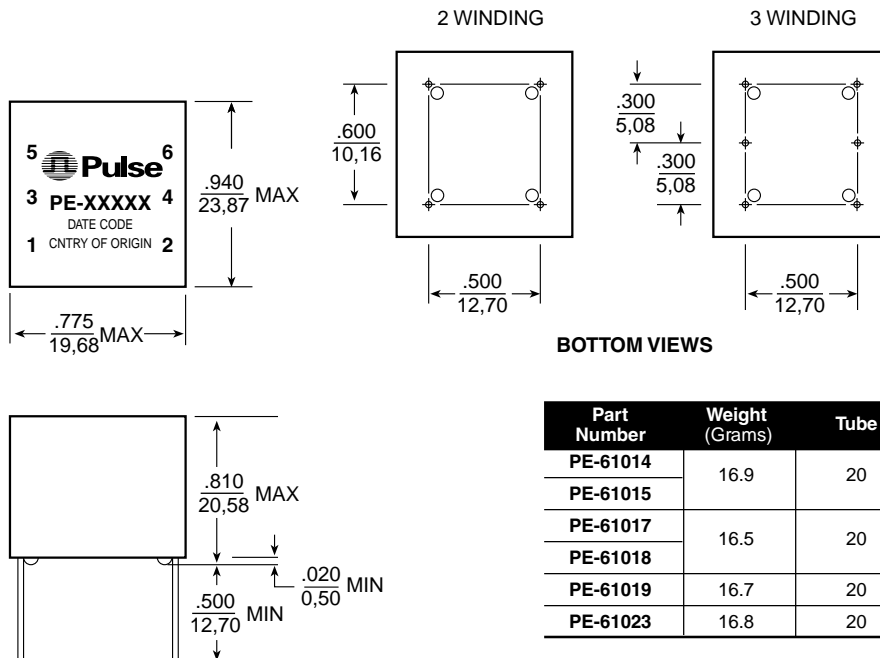
#### TH11



BOTTOM VIEWS

**TH11**                      **Except PE-61003**  
**Weight** ..... 8.6 grams ..... 8.2 grams  
**Tube** ..... 25/tube ..... 25/tube  
Dimensions: inches  
                         mm  
Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0,25}$

#### TH12



BOTTOM VIEWS

Part Number	Weight (Grams)	Tube
PE-61014	16.9	20
PE-61015		
PE-61017	16.5	20
PE-61018		
PE-61019	16.7	20
PE-61023	16.8	20

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

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