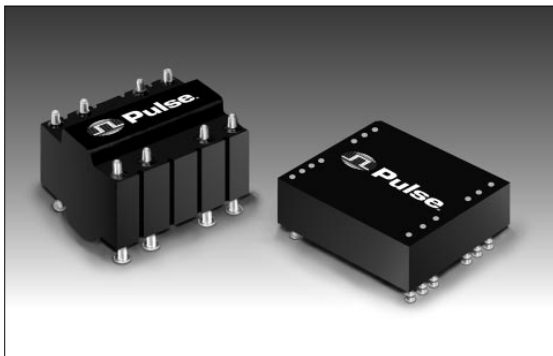





# FLYBACK TRANSFORMERS

## Designed for National's 100 KHz Simple Switcher™

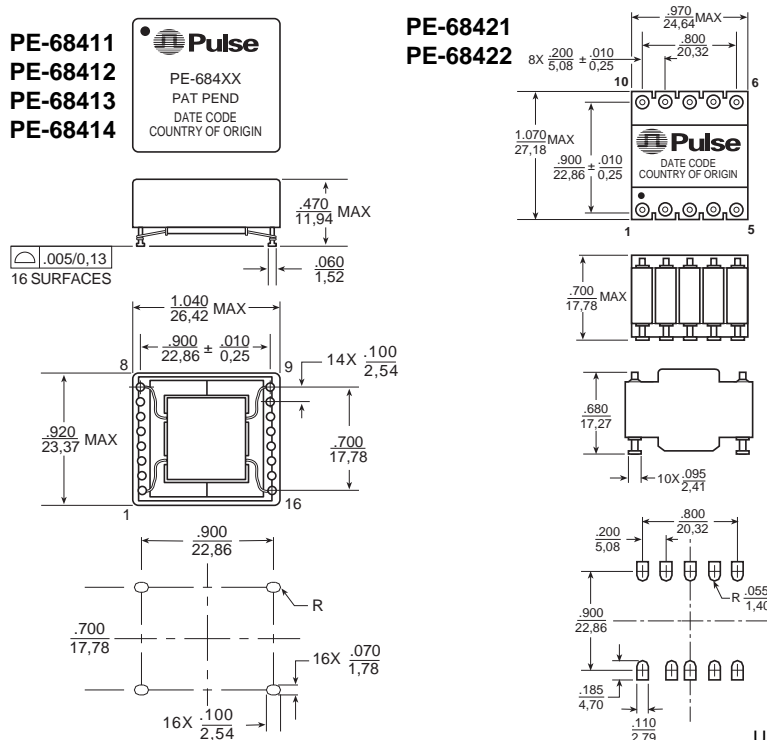


-  Designed for use with National's device numbers LM2585/86 and LM2587/88
-  Surface mount
-  Performance verified by National Semiconductor

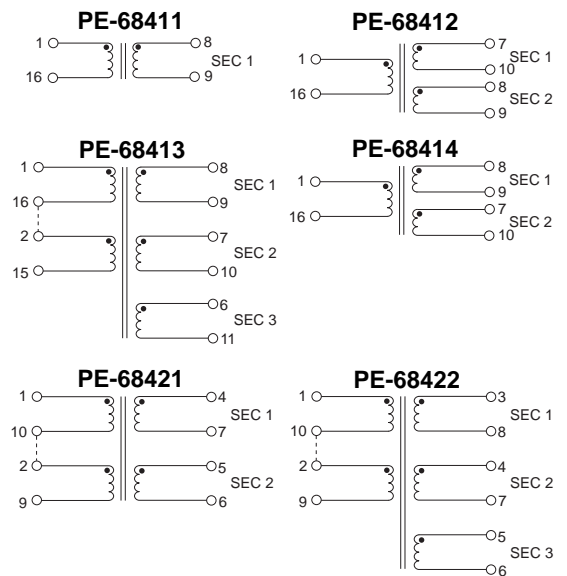
### Electrical Specifications @ 25°C — Operating Temperature -30°C to 130°C

| Pulse Part Number | L <sub>p</sub> (μHy NOM) | I <sub>IN</sub> peak | V <sub>IN</sub> (VDC) | V <sub>OUT 1</sub> (VDC) | V <sub>OUT 2</sub> (VDC) | V <sub>OUT 3</sub> (VDC) | I <sub>OUT 1</sub> | I <sub>OUT 2</sub> | I <sub>OUT 3</sub> | Turns Ratio     | DCR Primary (Ω MAX) | DCR Sec 1 (Ω MAX) | DCR Sec 2 (Ω MAX) | DCR Sec 3 (Ω MAX) |
|-------------------|--------------------------|----------------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------|--------------------|--------------------|-----------------|---------------------|-------------------|-------------------|-------------------|
| PE-68411          | 22                       | 4.85                 | 4-6                   | 3.3                      | —                        | —                        | 1.8                | —                  | —                  | 1:1             | 0.04                | 0.04              | —                 | —                 |
|                   |                          |                      | 4-6                   | 5                        | —                        | —                        | 1.4                | —                  | —                  |                 |                     |                   |                   |                   |
|                   |                          |                      | 8-16                  | 12                       | —                        | —                        | 1.2                | —                  | —                  |                 |                     |                   |                   |                   |
| PE-68412          | 22                       | 5.00                 | 4-6                   | 12                       | -12                      | —                        | 0.3                | 0.3                | —                  | 1:2.5:2.5       | 0.04                | 0.5               | 0.5               | —                 |
| PE-68413          | 66                       | 2.99                 | 18-36                 | 5                        | 12                       | -12                      | 1.8                | 0.25               | 0.25               | 1:0.5:1.15:1.15 | 0.30                | 0.04              | 0.80              | 0.80              |
| PE-68414          | 65                       | 2.98                 | 18-36                 | 12                       | -12                      | —                        | 0.63               | 0.63               | —                  | 1:1.2:1.2       | 0.055               | 0.25              | 0.25              | —                 |
| PE-68421          | 85                       | 4.90                 | 18-36                 | 12                       | -12                      | —                        | 1                  | 1                  | —                  | 1:0.8:0.8       | 0.12                | 0.22              | 0.22              | —                 |
| PE-68422          | 85                       | 4.92                 | 18-36                 | 5                        | 12                       | -12                      | 2.5                | 0.5                | 0.5                | 1:0.35:0.8:0.8  | 0.14                | 0.025             | 0.25              | 0.25              |

### Mechanicals



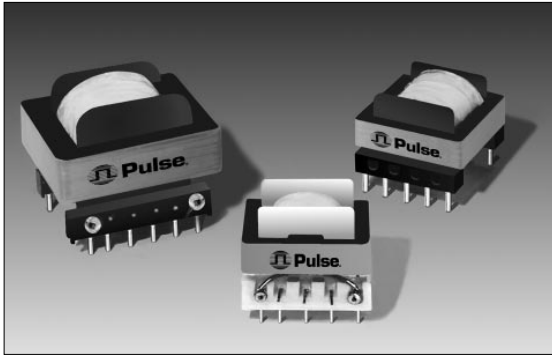
### Schematics






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

# FLYBACK TRANSFORMERS

## Designed for National's 52 KHz Simple Switcher™



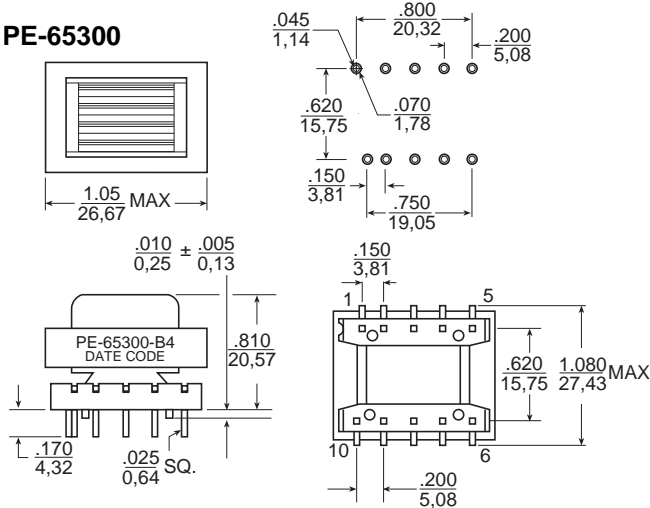
-  Designed for use with National's device numbers LM1577/LM2577
-  Base material meets flammability requirements of UL 94V-0
-  Performance verified by National Semiconductor

### Electrical Specifications @ 25°C — Operating Temperature -30°C to 130°C

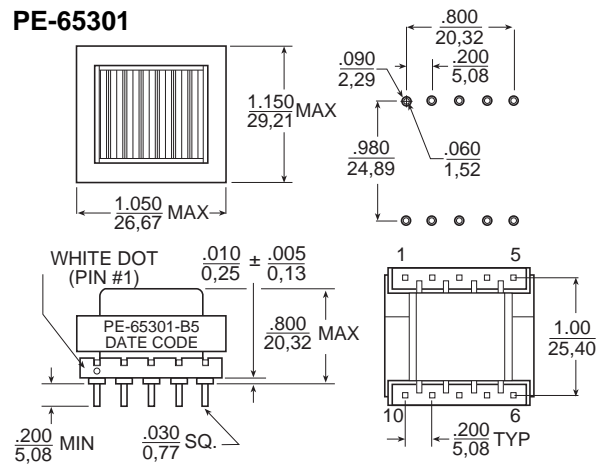
| Part Number | Turns Ratio (± 3%) | Primary Inductance (± 10% µH) | Leakage Inductance (µH MAX) | PRI DCR (Ω MAX) | SEC DCR (Ω MAX) | Hipot (Vrms) |
|-------------|--------------------|-------------------------------|-----------------------------|-----------------|-----------------|--------------|
| PE-65300    | 1:2 CT             | 100                           | 1                           | .058            | .450            | 600          |
| PE-65301    | 1:1 CT             | 200                           | 5                           | .075            | .380            | 600          |
| PE-65302    | 1:1 CT             | 400                           | 10                          | .155            | .260            | 600          |

### Mechanicals

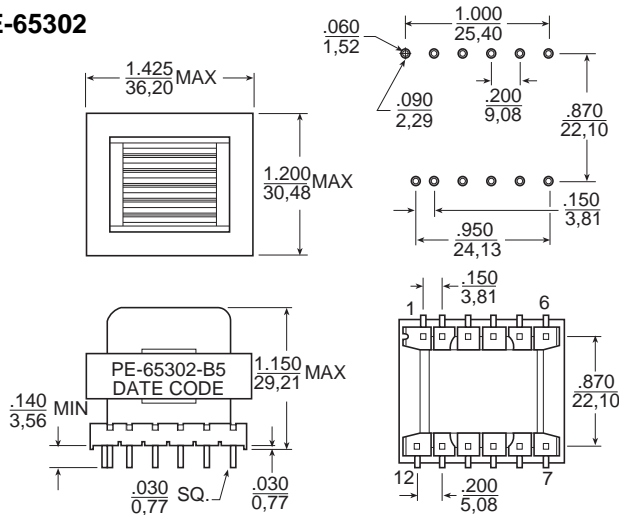
#### PE-65300



#### PE-65301

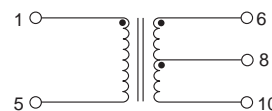


#### PE-65302

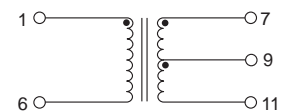


### Schematics

#### PE-65300 & PE-65301



#### PE-65302



Dimensions:  $\frac{\text{Inches}}{\text{mm}}$   
 Unless otherwise specified, all tolerances are  $\pm \frac{.010}{0.25}$

单击下面可查看定价，库存，交付和生命周期等信息

[>>Pulse\(普思\)](#)