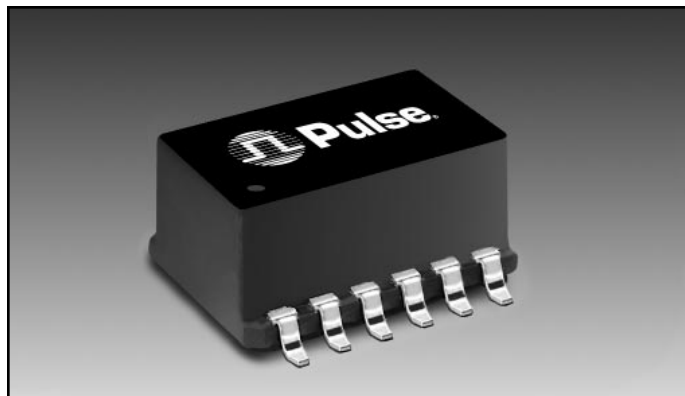




## T1/CEPT/ISDN-PRI TRANSFORMERS DUAL SURFACE MOUNT, 1500V<sub>RMS</sub>



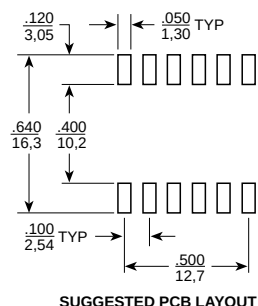
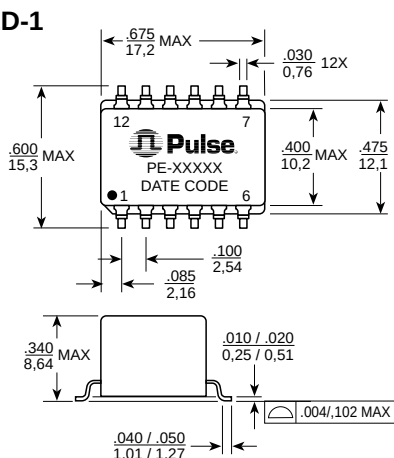
- EXTENDED AND STANDARD TEMPERATURE RANGE MODELS
- DUAL SURFACE MOUNT PACKAGE CONTAINS BOTH TRANSMIT AND RECEIVE TRANSFORMERS
- MODELS MATCHED TO LEADING TRANSCEIVER ICs
- UL 1459 RECOGNIZED
- 1500 V<sub>RMS</sub> ISOLATION VOLTAGE

### ELECTRICAL SPECIFICATIONS @ 25°C

| Pulse Part Number                                      | Turns Ratio (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>EXTENDED TEMPERATURE RANGE MODELS<sup>(1)</sup></b> |                            |                     |                           |                          |                 |                 |                    |              |
| PE-65821 <sup>(C)</sup>                                | 1CT:2CT & 1CT:2CT          | 1.20 & 1.20         | 50 & 50                   | 0.80 & 0.80              | 1.00 & 1.00     | 1.70 & 1.70     | ED-1/1E            | 12-10, 4-6   |
| PE-65822                                               | 1CT:2CT & 1:1.36CT         | 1.60 & 1.60         | 60 & 50                   | 1.00 & 0.80              | 1.70 & 1.70     | 2.00 & 1.70     | ED-1/2E            | 12-10, 4-6   |
| PE-65825                                               | 1:1.15CT & 1CT:2CT         | 1.50 & 1.20         | 60 & 50                   | 0.80 & 0.80              | 1.00 & 1.00     | 1.00 & 1.70     | ED-1/5E            | 12-10, 4-6   |
| PE-65826 <sup>(E)</sup>                                | 1:1/1.26 & 1CT:2CT         | 1.50 & 1.20         | 50 & 60                   | 0.80 & 0.80              | 1.00 & 1.00     | 1.10 & 1.70     | ED-1/6E            | 12-10, 4-6   |
| PE-65827 <sup>(D)</sup>                                | 2:2CT & 2:1                | 1.60 & 1.60         | 55 & 40                   | 1.30 & 1.30              | 1.10 & 1.10     | 1.10 & 0.70     | ED-1/7E            | 1-3, 4-6     |
| PE-65828                                               | 1CT:1CT & 1CT:1CT          | 1.20 & 1.20         | 50 & 50                   | 0.80 & 0.80              | 1.00 & 1.00     | 1.00 & 1.00     | ED-1/1E            | 12-10, 4-6   |
| PE-68674                                               | 1CT:1.15CT & 1CT:1.15CT    | 1.20 & 1.20         | 50 & 50                   | 0.80 & 0.80              | 1.20 & 1.20     | 1.40 & 1.40     | ED-1/2E            | 1-3, 4-6     |
| PE-68677                                               | 1CT:1CT & 1CT:2CT          | 1.20 & 1.20         | 50 & 50                   | 0.80 & 0.80              | 1.20 & 1.20     | 1.20 & 1.80     | ED-1/1E            | 12-10, 4-6   |
| PE-68682                                               | 1CT:1.15CT & 1CT:1CT       | 1.50 & 1.50         | 60 & 60                   | 0.80 & 0.80              | 1.00 & 1.00     | 1.10 & 1.00     | ED-1/1E            | 12-10, 4-6   |
| PE-68684                                               | 1CT:1.36CT & 1CT:1.36CT    |                     | 50 & 50                   | 0.80 & 0.80              | 1.20 & 1.20     | 1.40 & 1.40     | ED-1/2E            | 1-3, 4-6     |
| PE-68787                                               | 1CT:1.41CT & 1CT:1.41CT    | 0.80 & 0.80         | 30 & 30                   | 0.80 & 0.80              | 1.00 & 1.20     | 1.00 & 1.20     | ED-1/1E            | 12-10, 9-7   |
| PE-68791                                               | 1CT:2.3CT & 1CT:2CT        | 1.20 & 1.20         | 60 & 50                   | 0.80 & 0.80              | 1.20 & 1.20     | 2.01 & 2.1      | ED-1/2E            | 10-12, 4-6   |
| <b>STANDARD TEMPERATURE RANGE MODELS</b>               |                            |                     |                           |                          |                 |                 |                    |              |
| PE-65761 <sup>(C)</sup>                                | 1CT:2CT & 1CT:2CT          | 1.20 & 1.20         | 31 & 31                   | .60 & .60                | 0.70 & 0.70     | 1.20 & 1.20     | ED-1/1E            | 12-10, 4-6   |
| PE-65762                                               | 1CT:2CT & 1:1.36CT         | 1.20 & 1.20         | 32 & 37                   | .55 & .80                | 0.70 & 0.70     | 1.20 & 0.90     | ED-1/2E            | 12-10, 4-6   |
| PE-65763                                               | 1:2CT & 1:1.14CT           | 1.20 & 1.20         | 40 & 35                   | .55 & .80                | 0.70 & 0.70     | 1.20 & 0.90     | ED-1/6E            | 12-10, 4-6   |
| PE-65764                                               | 1CT:2CT & 1:1              | 1.20 & 1.20         | 30 & 30                   | .55 <sup>(A)</sup> & .80 | 0.70 & 0.70     | 1.20 & 0.70     | ED-1/4E            | 1-3, 4-6     |
| PE-65765                                               | 1:1.15CT & 1CT:2CT         | 1.20 & 1.20         | 35 & 35                   | .60 & .60                | 0.70 & 0.70     | 0.90 & 1.20     | ED-1/5E            | 12-10, 4-6   |
| PE-65766 <sup>(E)</sup>                                | 1:1/1.26 & 1:2CT           | 1.50 & 1.20         | 40 & 40                   | .40 & .50                | 0.70 & 0.70     | 0.90 & 1.20     | ED-1/6E            | 12-10, 4-6   |
| PE-65769                                               | 1CT:2CT & 1:1.08CT         | 1.50 & 1.20         | 40 & 30                   | .60 & .60                | 0.70 & 0.70     | 1.10 & 0.70     | ED-1/2E            | 12-10, 4-6   |
| PE-68636                                               | 1:1/1.26 & 1:1/1.26        | 1.50 & 1.50         | 45 & 45                   | .40 & .40                | 0.80 & 0.80     | 1.00 & 1.00     | ED-1/1E            | 12-10, 9-7*  |

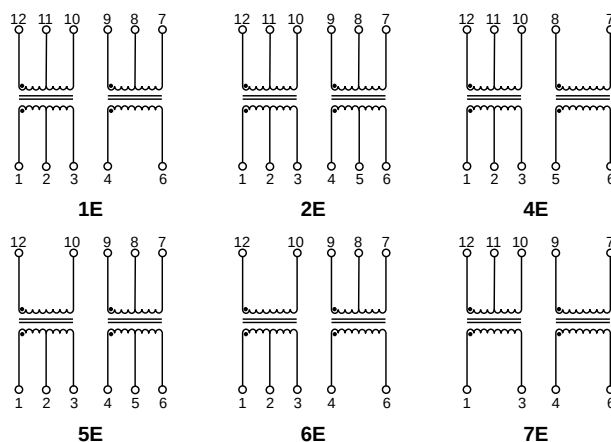
\* N.C. at pins 11 & 8.

### ED-1



Dimensions: Inches  
mm

Unless otherwise specified,  
all tolerances are ± 0.010  
0.254



**Pulse**

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**906-24**