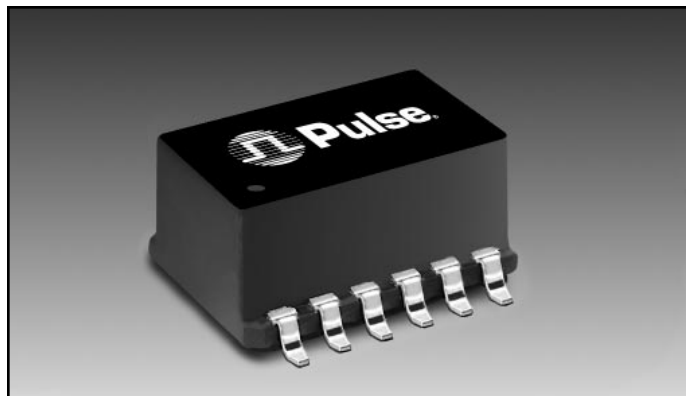


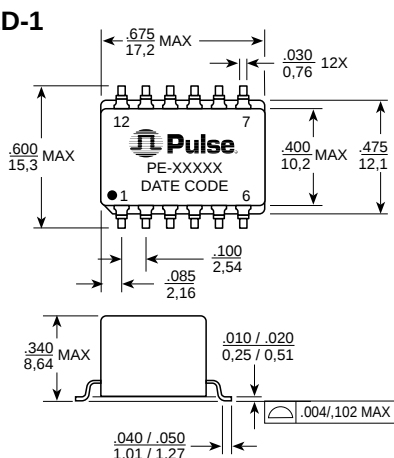


- EXTENDED AND STANDARD TEMPERATURE RANGE MODELS
- DUAL SURFACE MOUNT PACKAGE CONTAINS BOTH TRANSMIT AND RECEIVE TRANSFORMERS
- MODELS MATCHED TO LEADING TRANSCEIVER ICs
- UL 1459 RECOGNIZED
- 1500 V_{RMS} ISOLATION VOLTAGE

ELECTRICAL SPECIFICATIONS @ 25°C

Pulse Part Number	Turns Ratio (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
EXTENDED TEMPERATURE RANGE MODELS⁽¹⁾								
PE-65821 ^(C)	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 ^(E)	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 ^(D)	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
STANDARD TEMPERATURE RANGE MODELS								
PE-65761 ^(C)	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 ^(A) & .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 ^(E)	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

SUGGESTED PCB LAYOUT

Dimensions: $\frac{\text{Inches}}{\text{mm}}$

Unless otherwise specified,
 all tolerances are $\pm \frac{0.010}{0.254}$

