

TYPE 28Z - SMD TRANSFORMERS

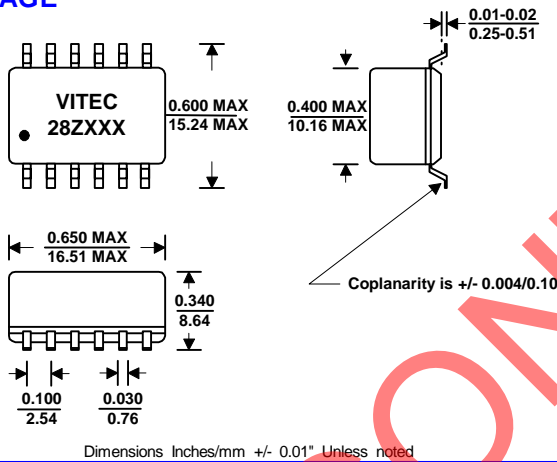
T1/CEPT/ISDN-Pri Interface

FEATURES

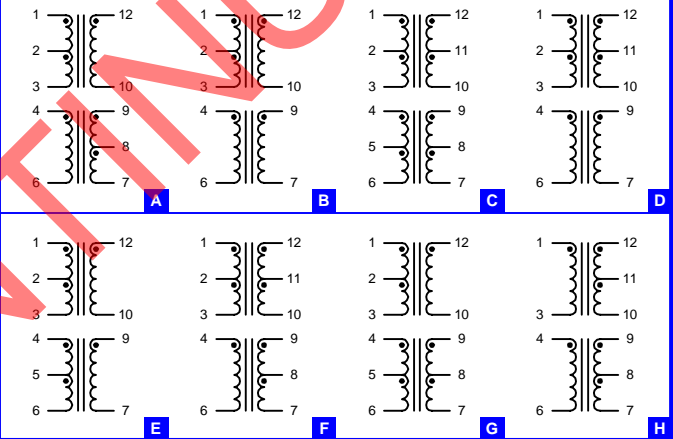
- SMD package for pick and place assembly.
- Designed for vapor phase and IR reflow soldering.
- Designed to meet FCC and CCITT G.703.
- Meets UL1459 and UL1950.
- Available for both standard temperature and extended temperature applications.
- RoHS compliant version available.



PACKAGE



SCHEMATICS



ELECTRICAL CHARACTERISTICS @ 25°C

| Part Number | | Turns Ratio | OCL | LL | CC | Pri DCR | Sec DCR | Schematic | Primary Pins |
|---------------------------------|---------|-----------------------|-------------|-------------|---------|-------------|-------------|-----------|--------------|
| Classic | RoHS | Ratio +/- 5% | mH MIN | uH MAX | pF MAX | Ohms MAX | Ohms MAX | | |
| Standard Temperature | | | | | | | | | |
| 28Z651 | 28ZR651 | 1:2CT&1:2CT | 1.20 | 0.50 | 30 | 0.70 | 1.00 | A | 12-10, 4-6 |
| 28Z652 | 28ZR652 | 1:2CT&1:1.36 | 1.20 | 0.50 & 0.80 | 35 | 0.80 | 1.80 | B | 12-10, 4-6 |
| 28Z653 | 28ZR653 | 1:2CT&1:1.14CT | 1.20 | 0.55 & 0.80 | 40 & 35 | 0.70 | 1.20 & 0.90 | A | 12-10, 4-6 |
| 28Z654 | 28ZR654 | 1CT:2CT&1:1 | 1.20 | 0.80 | 30 | 0.70 & 1.00 | 1.10 & 0.70 | D | 1-3, 9-7 |
| 28Z665 | 28ZR665 | 1:1.15CT&1:2CT | 1.50 & 1.20 | 0.60 & 0.50 | 35 & 40 | 0.70 | 1.10 | A | 12-10, 4-6 |
| 28Z666 | 28ZR666 | 1:1.1.26&1:2CT | 1.50 & 1.20 | 0.50 & 0.40 | 35 & 40 | 0.70 | 0.90 & 1.10 | A | 12-10, 4-6 |
| 28Z668 | 28ZR668 | 1:1/1.26&1:1/1.26 | 1.50 | 0.40 | 45 | 0.80 | 1.00 | E | 12-10, 9-7 |
| 28Z669 | 28ZR669 | 1CT:2CT&1:1.08CT | 1.20 | 0.60 | 40 & 30 | 0.70 | 1.10 & 0.90 | F | 12-10, 4-6 |
| 28Z674 | 28ZR674 | 2CT:1CT & 1:1 | 1.20 | 1.00 | 30 | 0.70 | 0.45 | D | 1-3, 4-6 |
| Extend Temperature Range | | | | | | | | | |
| 28Z626 | 28ZR626 | 1CT:2CT&1CT:2CT | 1.20 | 0.80 | 50 | 1.00 | 1.70 | C | 12-10,4-6 |
| 28Z627 | 28ZR627 | 1CT:2CT&1:1.36CT | 1.60 | 1.00 & 0.80 | 66 & 55 | 1.70 | 2.00 & 1.70 | F | 12-10,4-6 |
| 28Z628 | 28ZR628 | 1:1.15CT&1CT:2CT | 1.60 | 0.80 | 60 & 50 | 1.00 | 1.00 & 2.00 | G | 12-10,4-6 |
| 28Z629 | 28ZR629 | 1:1/1.26&1:2CT | 1.20 | 0.80 | 50 & 60 | 1.00 | 1.10 & 1.70 | A | 12-10,4-6 |
| 28Z630 | 28ZR630 | 1:2CT&2:1 | 1.60 | 1.30 | 55 & 40 | 1.10 | 1.10 & 0.70 | H | 1-3,4-6 |
| 28Z631 | 28ZR631 | 1CT:1CT&1CT:1CT | 1.20 | 0.80 | 50 | 1.00 | 1.00 | C | 1-3,4-6 |
| 28Z632 | 28ZR632 | 1CT:1.15CT&1CT:1.15CT | 1.20 | 0.80 | 50 | 1.20 | 1.40 | C | 1-3,4-6 |
| 28Z633 | 28ZR633 | 1CT:1CT&1CT:2CT | 1.20 | 0.80 | 50 | 1.00 | 1.00 & 1.80 | C | 1-3,4-6 |
| 28Z634 | 28ZR634 | 1CT:1.15CT&1CT:1CT | 1.60 | 0.80 | 60 | 1.20 | 1.40 & 1.20 | C | 12-10,4-6 |
| 28Z635 | 28ZR635 | 1CT:1.36CT&1CT:1.36CT | 1.20 | 0.80 | 50 | 1.20 | 1.40 | C | 1-3,4-6 |
| 28Z636 | 28ZR636 | 1CT:1.41CT&1CT:1.41CT | 1.20 | 0.80 | 50 | 0.90 | 1.20 | C | 12-10,9-7 |
| 28Z637 | 28ZR637 | 1CT:2.3CT&1CT:2CT | 1.20 | 0.80 | 60 & 50 | 1.20 | 2.10 | C | 10-12,4-6 |

Add an "R" to the part number after "Z" for the RoHS compliant version (i.e. 28ZR651 is the RoHS compliant version of 28Z651).