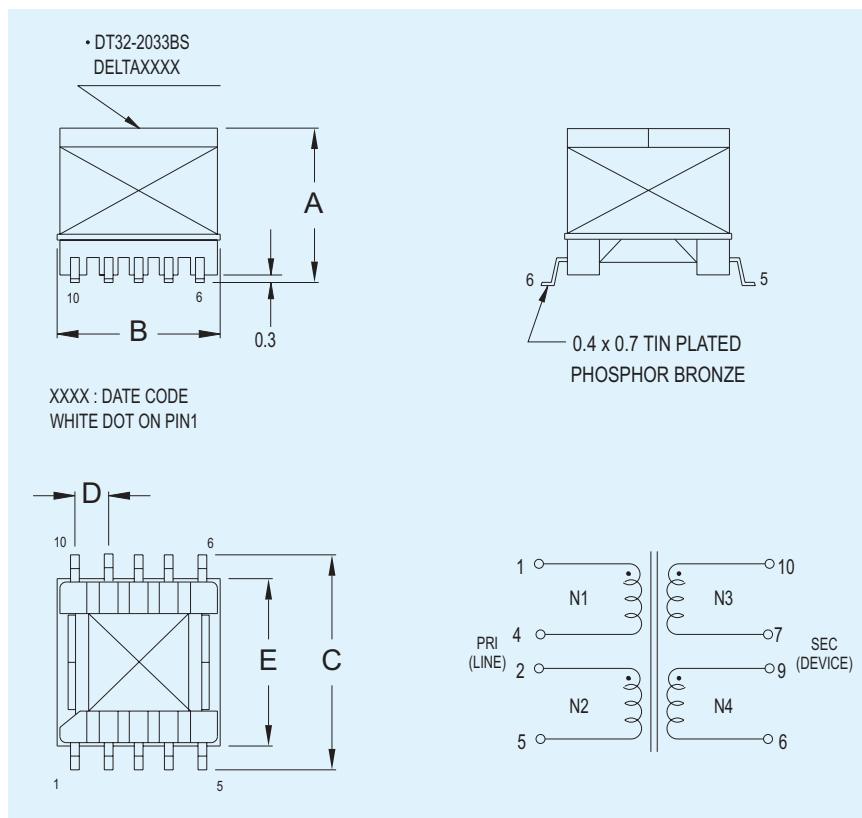




Telecommunication ADSL Transformer Components

DT32-2033BS

- Designed to reflect 100Ω on the line with 100Ω on the Ic side.
- For use with Globespan G7000 ADSL Clipset.
- Excellent THD performance.
- Designed to meet UL1950 requirements.



DIMENSIONS IN mm

A	B	C	D	E	F
12.5 MAX	13.8 ± 0.2	17.10 ± 0.2	2.54 ± 0.2	14.6 ± 0.25	

ELECTRICAL CHARACTERISTICS	
TURNS RATIO	N1:N2:N3:N4 1:1:1:1 $\pm 2\%$ @10KHz 0.1V
INDUCTANCE	PRI: $430\mu\text{H} \pm 10\%$ @10KHz 0.1V
LEAKAGE INDUCTANCE	PRI: $10\mu\text{H} \text{ MAX}$ @100KHz 0.1V
D.C RESISTANCE	N1: $0.45\Omega \text{ MAX}$ N2: $0.45\Omega \text{ MAX}$ N3: $0.35\Omega \text{ MAX}$ N4: $0.35\Omega \text{ MAX}$
INSERTION LOSS	$0.5\text{dB} \text{ MAX}$ @722KHz
LONGITUDINAL BALANCE	$40\text{dB} \text{ Min}$ @25KHz~1MHz
TOTAL HARMONIC DISTORTION	$-80\text{dB} \text{ MAX}$ @100KHz, 4.5Vpp
DIELECTRIC STRENGTH	$1875 \text{ VAC } 1 \text{ SEC}$ @PRI TO SEC

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