



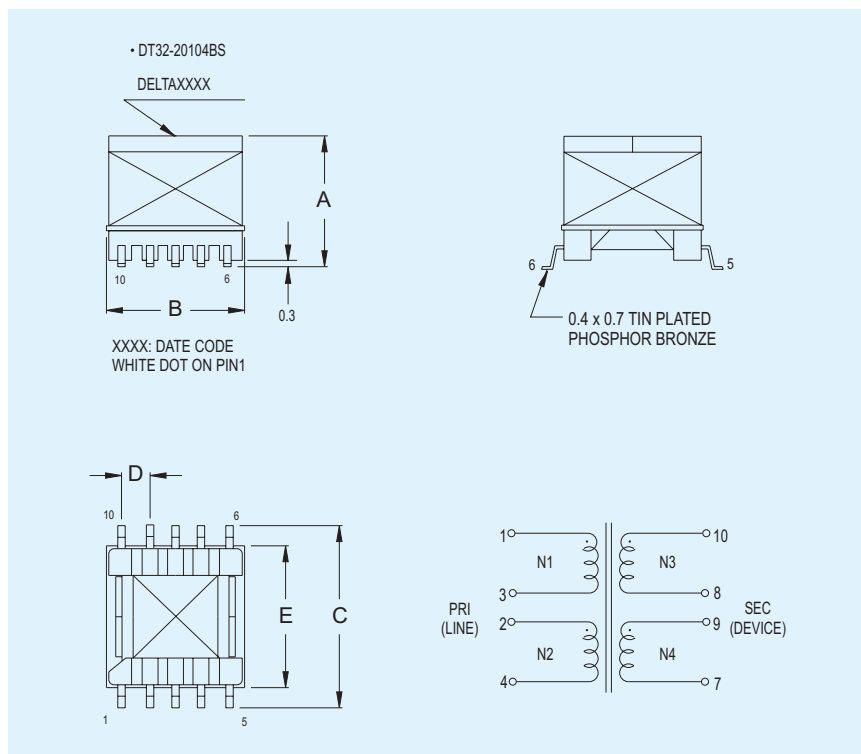
Telecommunication

ADSL Transformer

Components

DT32-20104BS

- Designed to reflect 100Ω on the line with 100Ω on the Ic side.
- For use with Globespan ADSL/RADL Line Driver Ic.
- 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	
URNS RATIO	(PRI:SEC) 1:1 $\pm 1\%$ @10KHz 0.1V
INDUCTANCE	PRI: 440uH $\pm 6\%$ @100KHz 0.1V
LEAKAGE INDUCTANCE	PRI: 5uH Max. @100KHz 0.1V
D.C RESISTANCE	N1: 1.5 Ω Max. N2: 1.5 Ω Max. N3: 1.5 Ω Max. N4: 1.5 Ω Max.
INTERWINDING CAPACITANCE	60 pF Max. @100KHz 1V
INSERTION LOSS	2.0dB Max. @30KHz 2.0dB Max. @50KHz 1.0dB Max. @1.2MHz
FREQUENCY RESPONSE	3.0dB Max. @20KHz 1.0dB Max. @50KHz ~ 1.2 MHz
RETURN LOSS	13dB Min. @120KHz ~ 1.2MHz
LONGITUDINAL BALANCE	55dB Min. @20KHz ~ 1.2MHz
TOTAL HARMONIC DISTORTION	-80dB Max. @60KHz 5.3Vrms
DIELECTRIC STRENGTH	1875 VAC 1 SEC @PRI TO SEC

DELTA ELECTRONICS, INC.

(TAOYUAN PLANT CPBG) 31-1, SHIEN PAN ROAD, KUEI SAN INDUSTRIAL ZONE, TAOYUAN SHIEN, TAIWAN, R.O.C.

TEL: 886-3-3626301; FAX: 886-3-3618901

<http://www.deltaww.com>