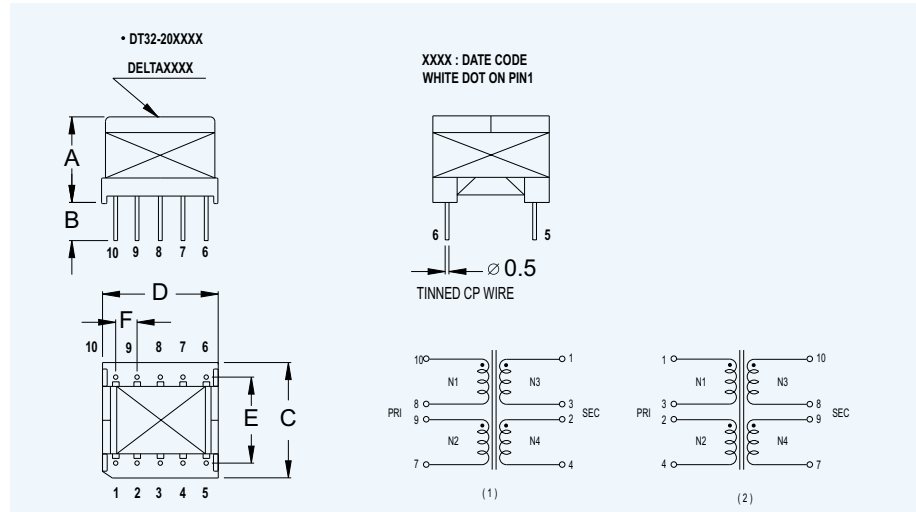




# Telecommunication ADSL Transformer Transformers

DT32-2010T  
DT32-2023AT  
DT32-2039AT  
DT32-2014T



DIMENSIONS IN mm

A	B	C	D	E	F	
12.7 MAX.	2.79 MIN.	14.0 MAX.	14.0 MAX.	10.16± 0.3	2.54± 0.3	

ELECTRICAL CHARACTERISTICS				
	DT32-2010T	DT32-2023AT	DT32-2039AT	DT32-2014T
T.R	(PRI:SEC): 1:1±1% @10KHz 0.1V	(PRI:SEC): 1:1.27±2% @10KHz 0.1V	(PRI:SEC): 1.27:1±2% @10KHz 0.1V	(PRI:SEC): 1:1±1% @10KHz 0.1V
L	PRI: 5.0mH ± 10% @10KHz 0.1V	PRI: 17.6mH Min. @10KHz 0.1V	SEC: 1.8mH Min. @10KHz 0.1V	PRI: 5.0mH ± 10% @10KHz 0.1V
L.K	PRI: 16uH Max. @100KHz 0.1V	PRI: 12uH Max. @100KHz 0.1V	SEC: 7.5uH Max. @100KHz 0.1V	PRI: 18uH Max. @100KHz 0.1V
D.C.R	N1: 1.29 Ω±10% N2: 1.29 Ω±10% N3: 1.10Ω ±10% N4: 1.50 Ω±10%	N1: 0.41Ω±10% N2: 0.41Ω±10% N3: 0.63Ω±10% N4: 0.63Ω±10%	PRI: 2.20 ΩMax. SEC: 2.20 ΩMax.	PRI: 3.0 ΩMax. SEC: 3.0Ω Max.
HI-POT	1875 VAC 1 SEC	1500 VAC 2 SEC	1500 VAC 2 SEC	1500 VAC 2 SEC
C	50pF Max. @10KHz 1V	-----	-----	-----
I.L	0.5dB Max. @100KHz	0.15dB Max. @100KHz	0.5dB Max. @100KHz	0.5dB Max. @100KHz
L.B	40dB Min. @1KHz~1MHz	40dB Min. @1KHz~1MHz	50dB Min. @30KHz~1MHz	40dB Min. @20KHz~1MHz
FR	± 1.1dB @30KHz~1.1MHz	± 0.55dB @30KHz~1.1MHz	-----	-----
R.L	-----	-----	-----	15dB Typ. @30KHz~1MHz
T.H.D	-----	-90dB Max. @40KHz 2.5Vrms	-80dB Max. @30KHz	-80dB Max. @30KHz -70dB Max. @200KHz
Schematic	2	2	1	2

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