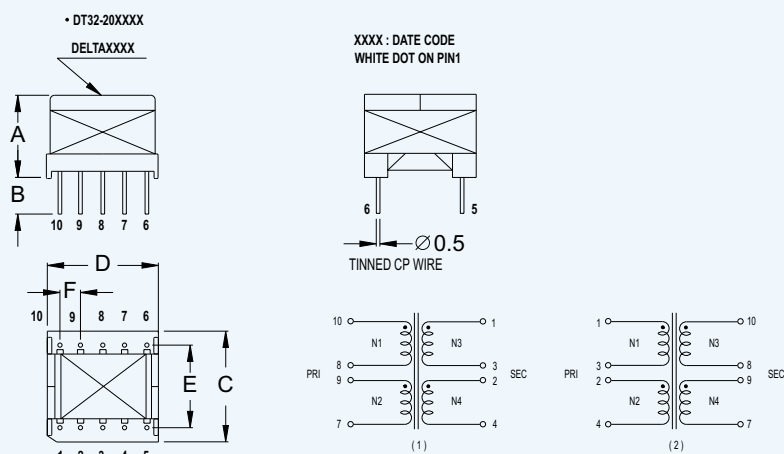




Telecommunication ADSL Transformer Transformers

DT32-2051AT
DT32-2059AT
DT32-2060AT
DT32-2050AT



DIMENSIONS IN mm

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

ELECTRICAL CHARACTERISTICS

	DT32-2051AT	DT32-2059AT	DT32-2060AT	DT32-2050AT
T.R	(PRI:SEC): 1:1±1% @10KHz 0.1V	(PRI:SEC): 1.2:1±1% @10KHz 0.1V	(PRI:SEC): 1.1:1±2% @10KHz 0.1V	(PRI:SEC): 1.1:1±1% @10KHz 0.1V
L	PRI: 0.1mH ± 7% @20KHz 0.1V	SEC: 120uH ±10% @100KHz 2V	SEC: 1.2mH ± 10% @10KHz 0.1V	PRI: 2.0mH ± 10% @20KHz 0.1V
L.K	PRI: 4uH Max. @100KHz 0.1V	SEC: 4uH Max. @100KHz 0.1V	SEC: 10uH Max. @100KHz 0.1V	SEC: 10uH Max. @100KHz 0.1V
D.C.R	PRI: 1.0Ω Max. SEC: 1.0Ω Max.	PRI: 1.0Ω Max. SEC: 1.0Ω Max.	PRI: 2.0Ω Max. SEC: 2.0Ω Max.	N1: 0.89Ω ±10% N2: 0.89Ω ±10% N3: 0.675Ω ±10% N4: 0.90Ω ±10%
HI-POT	1875 VAC 1 SEC	1875 VAC 1 SEC	1500 VAC 2 SEC	1875 VAC 1 SEC
C	20pF Max. @10KHz 1V	30pF Max. @10KHz 1V	40pF Max. @10KHz 1V	40pF Max. @10KHz 1V
I.L	0.5dB Max. @300KHz	0.5dB Max. @300KHz	0.5dB Max. @300KHz	0.5dB Max. @300KHz
L.B	45dB Min. @10KHz~1MHz	46dB Min. @10KHz~1MHz	46dB Min. @10KHz~1MHz	45dB Min. @10KHz~1MHz
FR	± 0.5dB @100KHz~1.1MHz	± 0.5dB @100KHz~1.1MHz	± 0.5dB @100KHz~1.1MHz	± 1.0dB @100KHz~1.1MHz
R.L	-----	-----	-----	-----
T.H.D	-80dB Max. @100KHz 4.0Vrms	-80dB Max. @100KHz 2Vrms	-80dB Max. @20KHz 4.4Vrms	-80dB Max. @20KHz 4.4Vrms
Schematic	1	1	1	1

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