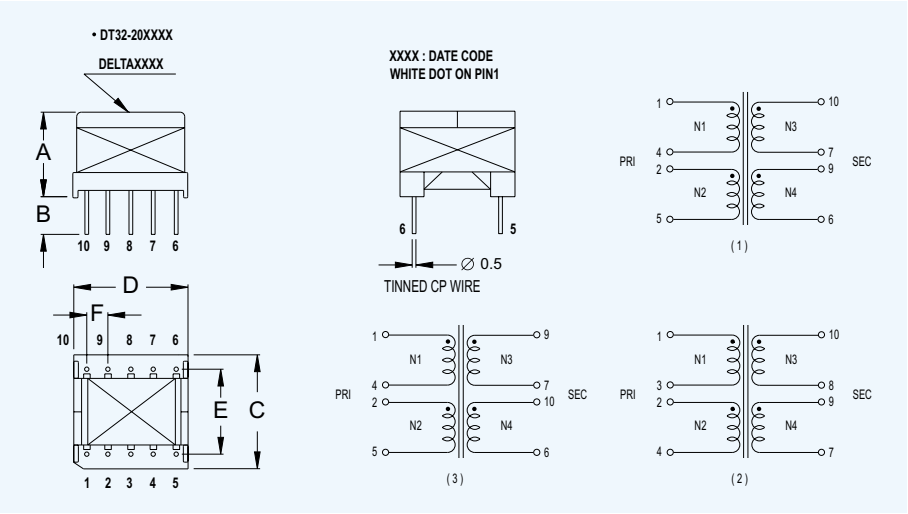
Telecommunication Transformers

ADSL Transformer

DT32-2009T
DT32-2052AT
DT32-2054AT
DT32-2055AT



DIMENSIONS IN mm

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

ELECTRICAL CHARACTERISTICS				
	DT32-2009T	**DT32-2052AT**	**DT32-2054AT**	**DT32-2055AT**
T.R	(PRI:SEC): 1:1±1% @20KHz 1V	(PRI:N3): 4:1± 2% (PRI:N4): 2:1± 2% @10KHz 0.1V	(PRI:SEC): 1.4:1±2% @10KHz 0.1V	(PRI:SEC): 1:1.4±2% @10KHz 0.1V
L	PRI: 407.5uH ±5% @10KHz 0.1V	N3: 27.5uH ±10% @10KHz 0.1V	PRI: 476.5uH ±5% @10KHz 0.1V	PRI: 476.5uH ± 5% @10KHz 0.1V
L.K	PRI: 10uH Max. @100KHz 0.1V	N4: 8.4uH Typ. @100KHz 0.1V	PRI: 10uH Max. @10KHz 0.1V	PRI: 10uH Max. @100KHz 0.1V
D.C.R	N1: 0.66Ω±10% N2: 0.66Ω±10% N3: 0.56 Ω±10% N4: 0.56 Ω±10%	N1: 0.98Ω±10% N2: 0.98Ω±10% N3: 0.42Ω±10% N4: 0.92Ω±10%	N1: 0.69 Ω±10% N2: 0.69 Ω±10% N3: 1.04Ω±10% N4: 1.04Ω±10%	N1: 0.70Ω±10% N2: 0.70Ω±10% N3: 1.09Ω±10% N4: 1.09Ω±10%
HI-POT	1500 VAC 2 SEC	1500 VAC 2 SEC	1500 VAC 2 SEC	1500 VAC 2 SEC
C	----------	----------	18pF Max. @10KHz	18pF Max. @10KHz 1V
I.L	0.5dB Max. @772KHz	0.5dB Max. @100KHz	0.5dB Max. @100KHz	----------
L.B	55dB Min. @20KHz~1.1MHz	55dB Min. @25KHz~1MHz	60dB Min. @20KHz~250KHz	60dB Min. @20KHz~250KHz
FR	±3.0dB Max.@30KHz~20MHz	----------	----------	----------
R.L	----------	----------	----------	----------
T.H.D	-85dB Max. @100KHz	-90dB Max. @100KHz 15Vp-p	-80dB Max. @100KHz 15Vp-p	-80dB Max. @100KHz 15Vp-p
Schematic	2	1	1	2

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