

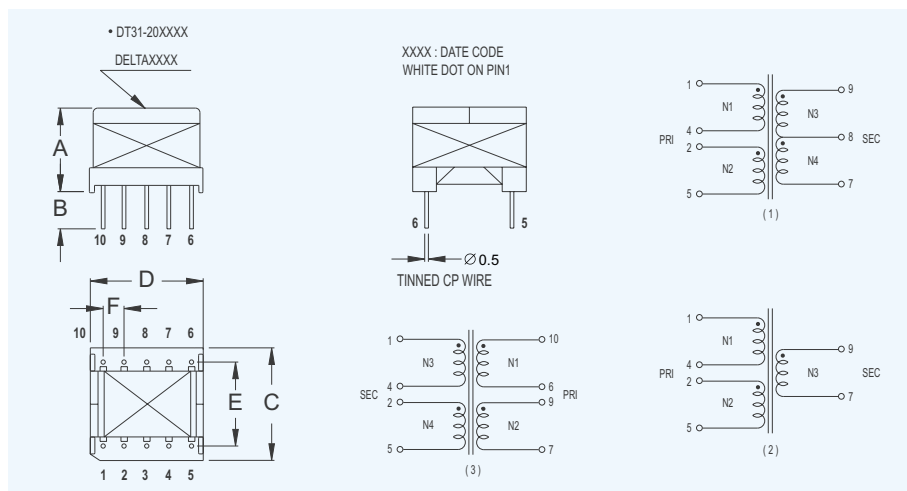


Telecommunication

HDSL Transformer

Transformers

DT31-2019AT
DT31-2020AT
DT31-2021AT
DT31-2033AT



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

	DT31-2019AT	DT31-2020AT	DT31-2021AT	DT31-2033AT
T.R	(PRI:SEC): 1.8:1 ±1% @10KHz 0.1V	(PRI:SEC): 1.8:1 ±1% @10KHz 0.1V	(PRI:SEC): 1.8:1 ±1% @10KHz 0.1V	(PRI:SEC): 1.8:1 ±1% @10KHz 0.1V
L	PRI: 2.92mH ±5% @10KHz 0.1V	PRI: 2.92mH ±5% @10KHz 0.1V	PRI: 600uH ±5% @10KHz 0.1V	PRI: 3.0mH ±10% @10KHz 0.1V
L.K	-----	-----	SEC: 20uH Max. @100KHz 0.1V	PRI: 30uH Max. @100KHz 0.1V
D.C.R	N1: 2.11 Ω ±10% N2: 2.11 Ω ±10% N3: 2.63 Ω ±10%	N1: 1.60 Ω ±10% N2: 1.60 Ω ±10% SEC: 1.78 Ω ±10%	N1: 3.50 Ω ±10% N2: 3.50 Ω ±10% N3: 3.17 Ω ±10%	N1: 1.5 Ω Max. N2: 1.5 Ω Max. SEC: 2.3 Ω Max.
HI-POT	1500 VAC 1 SEC	1500 VAC 1 SEC	1500 VAC 1 SEC	2000 VAC 1 SEC
C	-----	-----	75pF Max. @100KHz 0.1V	-----
I.L	-----	-----	-----	-----
L.B	50dB Min. @40KHz~300KHz	50dB Min. @40KHz~300KHz	53dB Min. @500Hz~292KHz	50dB Min. @5kKHz~196KHz
FR	-----	-----	-----	-----
R.L	-----	-----	-----	16.5 dB Min. @40KHz~200KHz
T.H.D	-80 dB Typ. @5KHz 5Vp-p	-80 dB Typ. @5KHz 5Vp-p	-84.5 dB Typ. @5KHz 1.45Vrms	-75 dB Typ. @5KHz 5Vp-p
SCHEMATIC	2	1	2	3

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