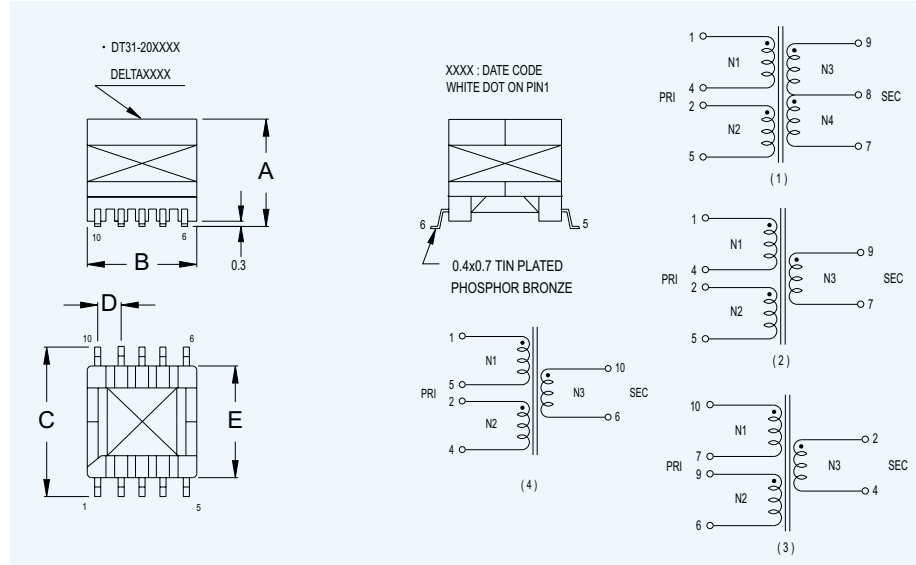




Telecommunication HDSL Transformer Transformers

DT31-2007AS
DT31-2007BS
DT31-2004AS



DIMENSIONS IN mm

A	B	C	D	E	F	G
12.5 MAX.	14.0 MAX.	17.10±0.2	2.54±0.2	14.0 MAX.		

ELECTRICAL CHARACTERISTICS			
	DT31-2007AS	DT31-2007BS	DT31-2004AS
T.R	(PRI:SEC): 2:1 ± 1% @10KHz 0.1V	(PRI:SEC): 2:1 ± 1% @10KHz 0.1V	(PRI:SEC): 2:1 ± 1% @10KHz 0.1V
L	PRI: 2.0mH ± 6% @10KHz 0.1V, I _{dc} =160mA	PRI: 2.0mH ± 6% @10KHz 0.1V, I _{dc} =160mA	PRI: 1.0mH ± 6% @10KHz 0.1V, I _{dc} =160mA
L.K	PRI: 11uH Max. @100KHz 0.1V	PRI: 11uH Max. @100KHz 0.1V	PRI: 11uH Max. @100KHz 0.1V
D.C.	RPRI: 2.5Ω Max. SEC: 1.0Ω Max.	N1: 1.25Ω Max. N2: 1.25Ω Max. N3: 1.25Ω Max.	N1: 0.95 ± 10% N2: 0.95 ± 10% N3: 0.95 ± 10%
HI-POT	2050 VAC 1 SEC	2000 VAC 1 SEC	2000 VAC 1 SEC
C	-----	-----	-----
I.L	0.5 dB Max. @40KHz	0.5 dB Max. @40KHz	0.5 dB Max. @80KHz
L.B	50dB Min. @40KHz~300KHz	50dB Min. @40KHz~300KHz	50dB Min. @80KHz~580KHz
FR	± 0.1 dB @33KHz~110KHz	± 0.1 dB @33KHz~110KHz	± 0.25 dB @80KHz~580KHz
R.L	16.5 dB Min. @40KHz~300KHz	-----	16.5 dB Min. @80KHz~580KHz
T.H.D	-70 dB Max. @20KHz 4.5Vp-p	-70 dB Max. @20KHz 4.5Vp-p	-70 dB Max. @80KHz 41.85Vrms
Schematic	4	2	2

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