



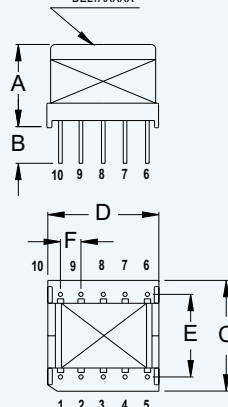
Telecommunication

HDSL Transformer

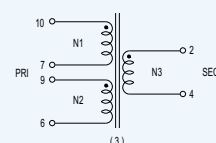
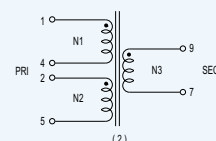
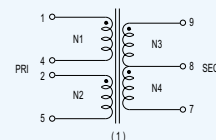
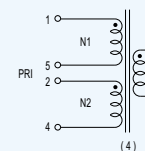
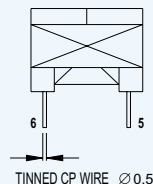
Transformers

DT31-2007AT
DT31-2007BT
DT31-2007
DT31-2010

• DT31-20XXXX
DELTAXXXX



XXXX : DATE CODE
WHITE DOT ON PIN1



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

	DT31-2007AT	DT31-2007BT	DT31-2007	DT31-2010
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	(PRI:SEC): 2:1± 1% @10KHz 0.1V
L	PRI: 2.0mH±6% @10KHz 0.1V, Idc=160mA	PRI: 2.0mH±10% @10KHz 0.1V, Idc=160mA	PRI: 2.0mH±6% @10KHz 0.1V, Idc=160mA	PRI: 3.0mH±6% @10KHz 0.1V, Idc=160mA
L.K	PRI: 11uH Max. @100KHz 0.1V	PRI: 11uH Max. @100KHz 0.1V	PRI: 11uH Max. @100KHz 0.1V	PRI: 11uH Max. @100KHz 0.1V
D.C.R	PRI: 2.5Ω Max. SEC: 1.0Ω Max.	N1: 1.25Ω Max. N2: 1.25Ω Max. N3: 1.25Ω Max.	PRI: 2.5Ω Max. SEC: 1.0Ω Max.	PRI: 2.5Ω Max. SEC: 1.0Ω Max.
HI-POT	2050 VAC 1 SEC	2000 VAC 1 SEC	2050 VAC 1 SEC	1500 VAC 1 SEC C
I.L	0.5 dB Max. @40KHz	0.5 dB Max. @40KHz	0.5 dB Max. @40KHz	0.4 dB Max. @200KHz
L.B	50dB Min. @40KHz~300KHz	50dB Min. @40KHz~300KHz	50dB Min. @40KHz~300KHz	53dB Min. @40KHz~200KHz
FR	±0.1 dB @33KHz~110KHz	±0.1 dB @33KHz~110KHz	±0.1 dB @33KHz~110KHz	±0.1 dB @40KHz~200KHz
R.L	16.5 dB Min. @40KHz~300KHz	-----	16.5 dB Min. @40KHz~300KHz	20 dB Min. @40KHz~200KHz
T.H.D	-70 dB Max. @20KHz 4.5Vp-p	-70 dB Max. @20KHz 4.5Vp-p	-70 dB Max. @20KHz 4.5Vp-p	-70 dB Max. @40KHz 14dBm
SCHEMATIC	4	2	2	2

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