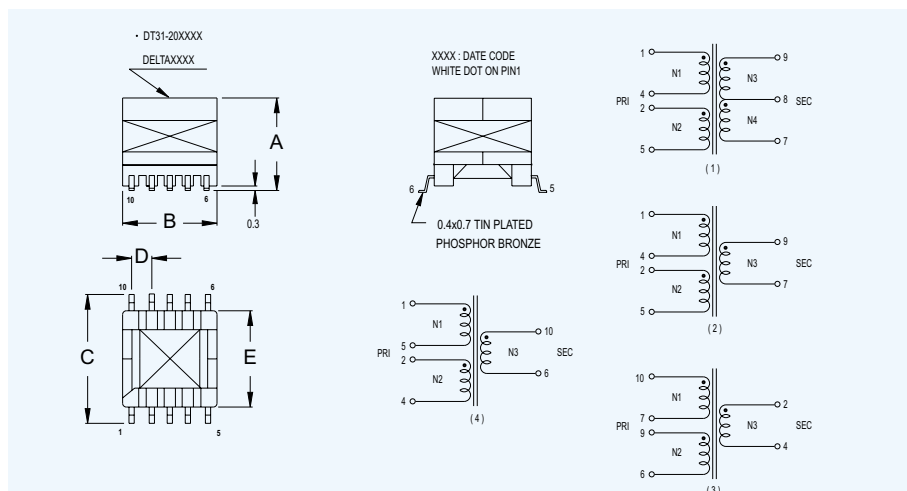




Telecommunication HDSL Transformer Transformers

DT31-2010AS
DT31-2010BS
DT31-2016AS
DT31-2005AS



DIMENSIONS IN mm

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

ELECTRICAL CHARACTERISTICS				
	DT31-2010AS	DT31-2010BS	DT31-2016AS	DT31-2005AS
T.R	(PRI:SEC): 2:1 ± 1% @10KHz 0.1V	(PRI:SEC): 2:1 ± 1% @10KHz 0.1V	(PRI:SEC): 1:1 ± 1% @10KHz 0.1V	(PRI:SEC): 2:1 ± 1% @10KHz 0.1V
L	PRI: 3.0mH ± 6% @10KHz 0.1V, I _{dc} =160mA	PRI: 3.0mH ± 10% @10KHz 0.1V, I _{dc} =160mA	PRI: 3.0mH ± 5% @10KHz 0.1V	PRI: 3.0mH ± 6% @10KHz 0.1V, I _{dc} =100mA
L.K	PRI: 11uH Max. @100KHz 0.1V	PRI: 11uH Max. @100KHz 0.1V	PRI: 20uH Max. @100KHz 0.1V	PRI: 11uH Max. @100KHz 0.1V
D.C.R	PRI: 2.5 Ω Max. SEC: 1.0 Ω Max.	PRI: 2.5 Ω Max. SEC: 1.0 Ω Max.	N1: 0.95 Ω ± 10% N2: 0.95 Ω ± 10% N3: 1.87 Ω ± 10%	PRI: 2.5 Ω Max. SEC: 1.0 Ω Max.
HI-POT	1500 VAC 1 SEC	1500 VAC 1 SEC	1500 VAC 1 SEC	2050 VAC 1 SEC
C	-----	-----	-----	-----
I.L	0.4 dB Max. @200KHz	0.4 dB Max. @200KHz	-----	0.4 dB Max. @200KHz
L.B	53dB Min. @40KHz~200KHz	53dB Min. @40KHz~200KHz	53dB Min. @40KHz~300KHz	53dB Min. @40KHz~200KHz
FR	± 0.1 dB @40KHz~200KHz	± 0.1 dB @40KHz~200KHz	-----	± 0.1 dB @40KHz~200KHz
R.L	20 dB Min. @40KHz~200KHz	20 dB Min. @40KHz~200KHz	-----	20 dB Min. @40KHz~200KHz
T.H.D	-70 dB Max. @40KHz 14dBm	-70 dB Max. @40KHz 14dBm	-70 dB Max. @100KHz 5Vp-p	-70 dB Max. @40KHz 14dBm
SCHEMATIC	3	4	1	2

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