

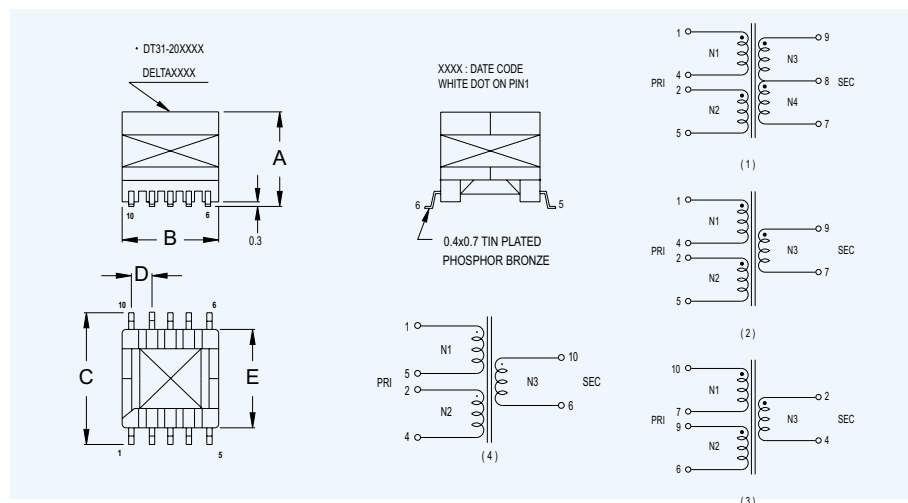


Telecommunication

HDSL Transformer

Transformers

DT31-2014AS
DT31-2015AS
DT31-2017AS
DT31-2018AS



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				
	DT31-2014AS	DT31-2015AS	DT31-2017AS	DT31-2018AS
T.R	(PRI:SEC): 1:1±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: 4.5mH±5% @10KHz 0.1V, I _{dc} =70mA	PRI: 3.5mH±5% @10KHz 0.1V, I _{dc} =120mA	PRI: 5.0mH±10% @10KHz 0.1V, I _{dc} =100mA	PRI: 8.0mH±6% @10KHz 0.1V, I _{dc} =60mA
L.K	PRI: 30uH Max. @100KHz 0.1V	PRI: 30uH Max. @100KHz 0.1V	-----	-----
D.C.R	N1: 1.47Ω±10% N2: 1.47Ω±10% N3: 1.00Ω±10%	N1: 1.07Ω±15% N2: 1.07Ω±15% N3: 0.86Ω±15%	PRI: 3.5ΩMax. SEC: 2.2ΩMax.	PRI: 4.0ΩMax. SEC: 2.3ΩMax.
HI-POT	1500 VAC 1 SEC	1500 VAC 1 SEC	1500 VAC 1 SEC	1500 VAC 1 SEC
C	-----	-----	-----	-----
I.L	0.4 dB Max. @40KHz	0.5 dB Max. @40KHz	0.43 dB Max. @40KHz	0.5 dB Max. @40KHz
L.B	53dB Min. @50KHz~200KHz	53dB Min. @33KHz~110KHz	53dB Min. @500Hz~150KHz	53dB Min. @500Hz~150KHz
FR	±0.1 dB @20KHz~110KHz	±0.1 dB @33KHz~110KHz	±0.1 dB @20KHz~80KHz	-----
R.L	16 dB Min. @20KHz~110KHz	17 dB Min. @33KHz~110KHz	17 dB Min. @20KHz~80KHz	16 dB Min. @9KHz~40KHz
T.H.D	-70 dB Max. @5KHz	-70 dB Max. @20KHz 4.5Vp-p	-70 dB Max. @20KHz 4.5Vp-p	-70 dB Max. @20KHz 4.5Vp-p
SCHEMATIC	2	3	2	2

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