



T1/E1/CEPT/ISDN-Pri Transformer

Models Match To Leading Transceiver IC's
Available In Standard & Extended Temperature Range
Single Through Hole Packages
High Isolation Voltage Of 1500Vrms
RoHS " -R " peak solder rating 260°C, non-RoHS peak solder rating 225°C
For RoHS part, add suffix -R

ELECTRICAL SPECIFICATIONS @ 25°C (Standard Temperature Range - Operating Temperature : 0°C to 70°C)

Part Number	Turns Ratio +/-5%	Primary Pins	Open CCT	Interwinding	Leakage	DCR		Schematic /Package
			Inductance OCL(mH min)	Capacitance Cw/w (pF max)	Inductance L/L (μ H min)	(Ω max) Pri	Sec	
N6101DA N6101DA-R	1 : 1	5-6	1.20	30	0.7	0.7	0.7	S1/TH1
N6102DA N6102DA-R	1 : 1.36	5-6	1.20	35	0.8	0.7	0.8	S1/TH1
N6103DA N6103DA-R	1 : 1 : 1	5-6	1.20	30	0.7	0.7	0.7	S2/TH1
N6104DA N6104DA-R	1 : 0.63 : 0.63	5-6	0.19	30	0.5	0.6	0.4	S2/TH1
N6105DA N6105DA-R	1 : 0.5 : 0.5	5-6	0.80	30	0.6	0.6	0.4	S2/TH1
N6106DA N6106DA-R	1 : 0.38 : 0.38	5-6	1.37	30	0.7	0.6	0.4	S2/TH1
N6107DA N6107DA-R	1 : 1CT	2-6	1.20	25	0.8	0.7	0.7	S3/TH1
N6108DA N6108DA-R	1 : 2CT	2-6	1.20	40	0.6	0.7	1.2	S3/TH1
N6109DA N6109DA-R	1 : 1.15CT	2-6	1.50	35	0.6	0.7	1.0	S3/TH1
N6110DA N6110DA-R	1 : 1 : 1.26	2-6	1.50	40	0.5	0.7	0.9	S3/TH1
N6111DA N6111DA-R	1 : 1.58CT	2-6	1.20	60	0.8	0.7	1.0	S3/TH1
N6112DA N6112DA-R	1 : 1.14CT	1-5	1.20	35	0.8	0.7	0.8	S4/TH1
N6113DA N6113DA-R	1 : 1.36CT	1-5	1.20	35	0.8	0.7	0.9	S4/TH1
N6114DA N6114DA-R	1CT : 1CT	1-5	1.20	30	0.8	0.8	0.8	S5/TH1
N6115DA N6115DA-R	1CT : 2CT	1-5	1.20	30	0.5	0.7	1.2	S5/TH1
N6116DA N6116DA-R	1CT : 3CT	1-5	1.20	30	0.5	0.7	1.6	S5/TH1

ELECTRICAL SPECIFICATIONS @ 25°C

(Extended Temperature Range - Operating Temperature : -40°C to +85°C)

Part Number	Turns Ratio +/-5%	Primary Pins	Open CCT	Interwinding	Leakage	DCR		Schematic /Package
			Inductance OCL(mH min)	Capacitance Cw/w (pF max)	Inductance L/L (μ H min)	(Ω max) Pri	Sec	
N6117DA N6117DA-R	1 : 1.36	5-6	1.20	35	0.8	0.9	1.2	S1/TH1
N6118DA N6118DA-R	1 : 1.15CT	2-6	1.50	40	0.8	0.9	1.1	S3/TH1
N6119DA N6119DA-R	1 : 1 : 1.26	2-6	1.50	50	0.8	0.9	1.2	S3/TH1
N6120DA N6120DA-R	1CT : 1CT	1-5	1.20	40	0.9	0.9	0.9	S5/TH1
N6121DA N6121DA-R	1CT : 2CT	1-5	1.20	50	0.8	0.9	2.0	S5/TH1
N6122DA N6122DA-R	1CT : 3CT	1-5	1.20	60	0.8	0.9	2.5	S5/TH1

Open Cct Inductance are measured at the Primary Winding.

Leakage Inductance are measured at the Primary winding with all other Pin shorted

Turns Ration is specified Primary : Secondary

Extended Temperature Range : All parameters specified at 25°C . OCL is 600 μ H minimum at -40°C

Specifications Subject To Change Without Notice

TAIWAN
 TEL: 00886-3-3310896
 FAX: 00886-3-3310865

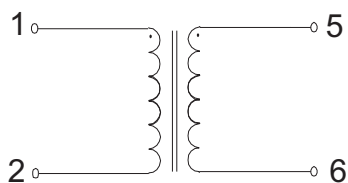
DONGGUAN
 TEL: 086-769-86761589
 FAX: 086-769-86761549



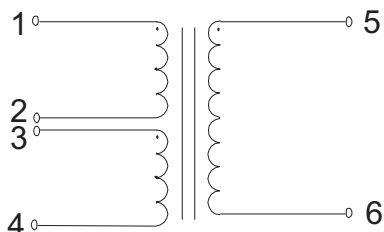
T1/E1/CEPT/ISDN-Pri Transformer

SCHEMATICS

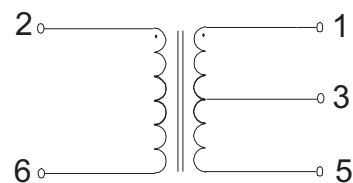
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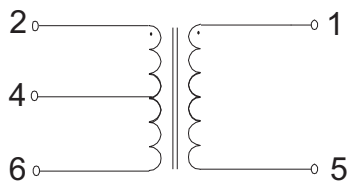
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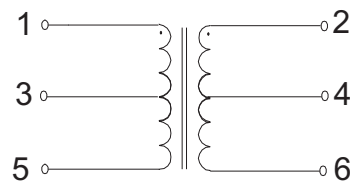
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S4

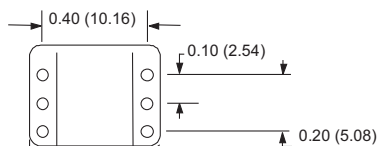
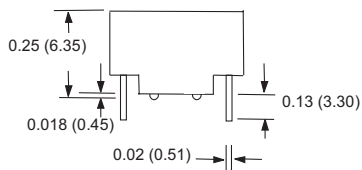
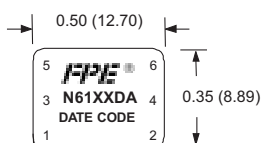


S5



MECHANICAL SPECIFICATIONS

TH 1



DIMENSIONS : INCHES/(mm) UNLESS OTHERWISE SPECIFIED ALL TOLERANCES ARE $\pm 0.010(0.25)$.

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