1000 BASE-T SINGLE PORT TRANSFORMER MODULES

Industrial Grade

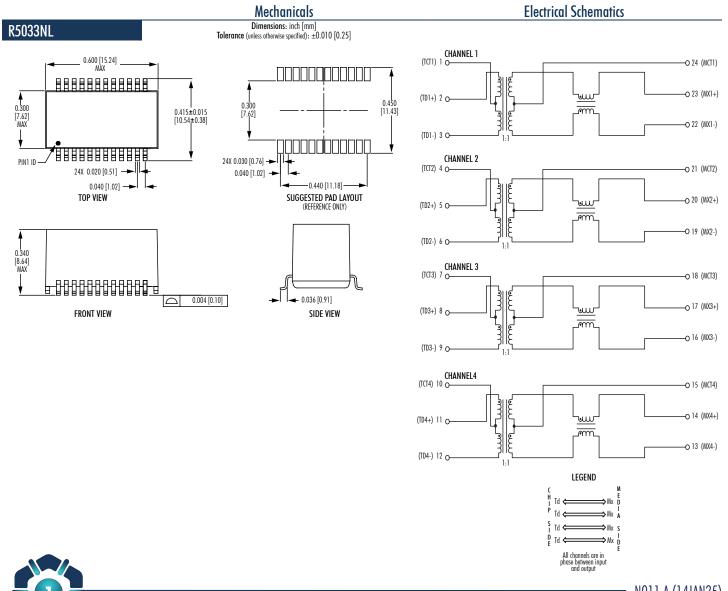


- Compliant with IEEE 802.3 standard
- 350µH OCL with 8mA D.C.bias at 100KHz, 100mV
- Operating Temperature: -40°C to +85°C
- Dielectrict Withstanding Voltage (DWV): 1500 Vrms
- Lead Finish: Pure Tin
- Moisture Sensitivity Level: 1

Electrical Specifications @ 25°C																		
	Insertion Loss (dB MAX)				Return Loss (dB MIN)					Crosstalk (dB MIN)			Common Mode Rejection Ratio (dB MIN)			DM to CM Rejection Ratio (dB MIN)		
Part Number	0.10 MHz	30 MHz	60 MHz	100 MHz	5 MHz	30 MHz	60 MHz	80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz
R5033NL	1.2	1.2	1.2	1.2	18	18	14	12	10	43	37	31	33	30	25	43	37	33

NOTES:

- 1. For Tape & Reel packaging, add "T" suffix at the end of the part number: i.e. R5033NLT
- 2. Country of Origin: China



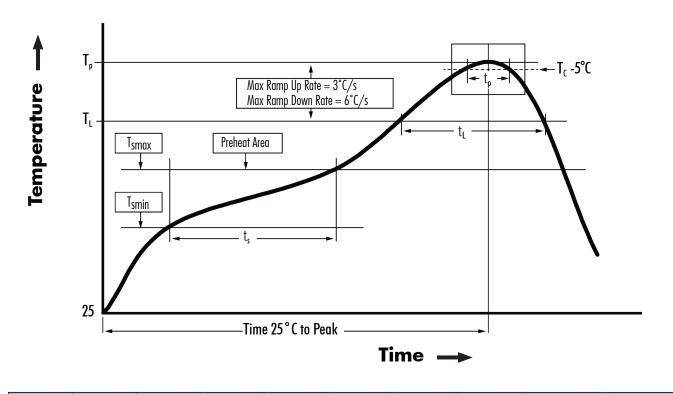
without notice. Other brand and

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Recommended Reflow Profile (Based on J-STD-020D)



T _{smin} (°C)	T _{smax} (°C)	T _L (°C)	T _p (°C MAX)	t _s (s)	t _L (s)	t _e (s MAX)	Ramp-up rate (T _L to T _P)	Ramp-down rate (T _P to T _L)	Time 25°C to peak temperature (s MAX)
150	200	217	245	60 - 120	60 - 150	30	3°C/s MAX	6°C/s MAX	480

NOTES:

1. All temperatures measured on the package leads.

2. Maximum number of reflow cycles not to exceed 2.



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