

1000 BASE-T SINGLE PORT TRANSFORMER MODULE

Industrial Grade

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

Electrical Specifications @ 25°C

Part Number	Insertion Loss (dB MAX)				Return Loss (dB MIN)					Crosstalk (dB MIN)			DM to CM Rejection Ratio (dB MIN)		
	0.10 MHz	30 MHz	60 MHz	100 MHz	1 MHz	40 MHz	60 MHz	80 MHz	100 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz
R5032NL	1.2	1.2	1.2	1.2	18	16	12	10	8	44	37	33	42	37	32

NOTES:

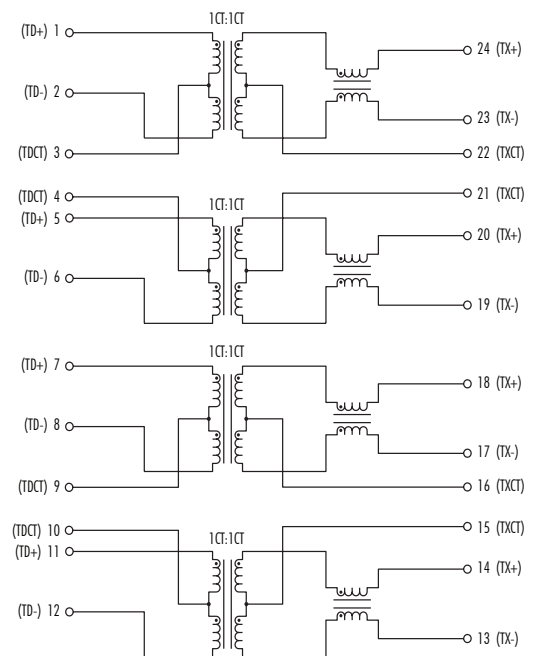
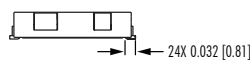
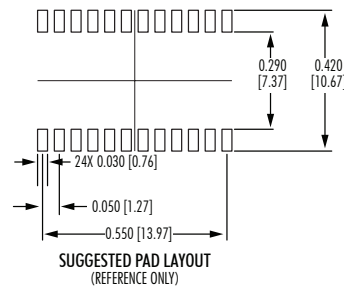
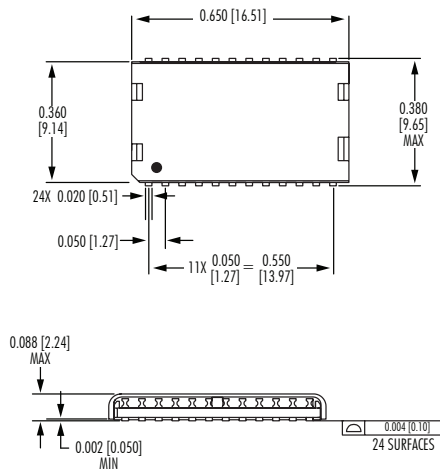
- For Tape & Reel packaging, add "T" suffix at the end of the part number: i.e. R5032NLT.
- Country of Origin: China

Mechanicals

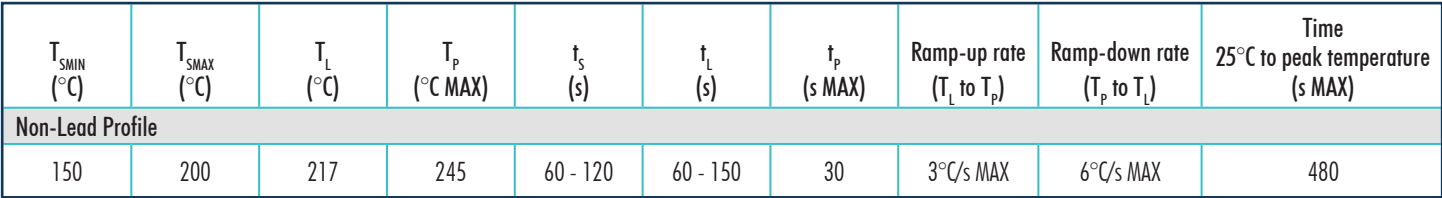
Electrical Schematics

R5032NL

Dimensions: inch [mm]
Tolerance (unless otherwise specified): ± 0.010 [0.25]



Industrial Grade



1. All temperatures measured on the package leads.
2. Maximum number of reflow cycles not to exceed 2.