BMS TRANSFORMER

Automotive



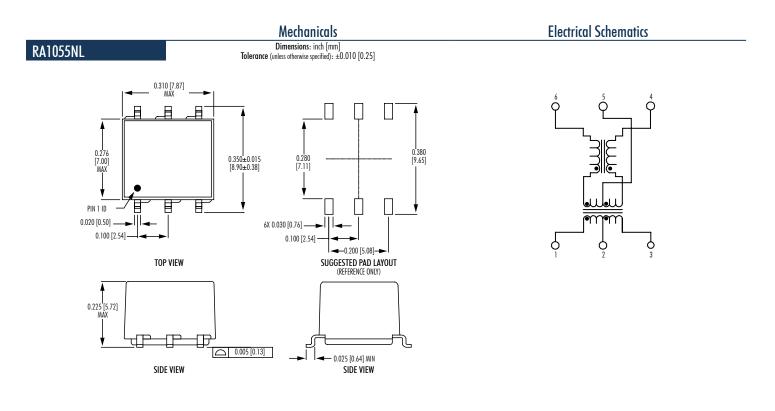


- **INRC©RE**
- AEC-Q200 Compliance
- Designed for use with ADI LTC6804/681X series, NXP MC33771/33772 and TI BQ79616
- Operating Temperature: -40°C to +125°C
- Lead Finish: Sn100
- Moisture Sensitivity Level: 1

Electrical Specifications @ 25°C										
	Turns Ratio 1 (±5%)		tance 0.1 Vrms H)	Insertion Loss (dB MAX)	Return Loss (dB MIN)	DWV 5S MIN (VDC)				
Part Number	<u>(1-3)</u> (6-4)	MIN	МАХ	4 MHz	4 MHz	(1-3) to (6-4)				
RA1055NL	1CT:1CT	150	370	0.30	20	4300				

NOTES:

1. For Tape & Reel packaging, add "T" suffix at the end of the part number: i.e. RA1055NLT

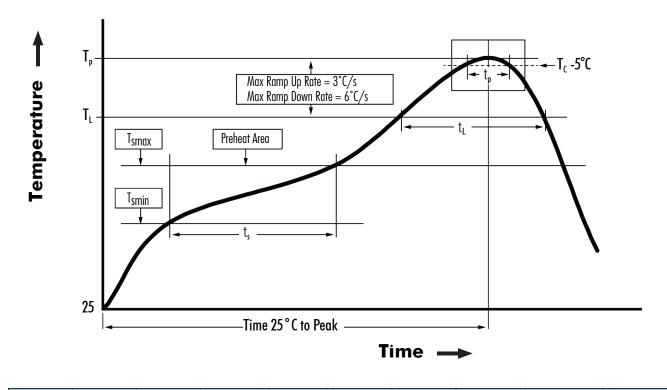




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Non-Lead Recommended Reflow Profile (Based on J-STD-020D)



T _{smin} (°C)	T _{smax} (°C)	т _. (°С)	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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