## **BMS TRANSFORMER**

Automotive



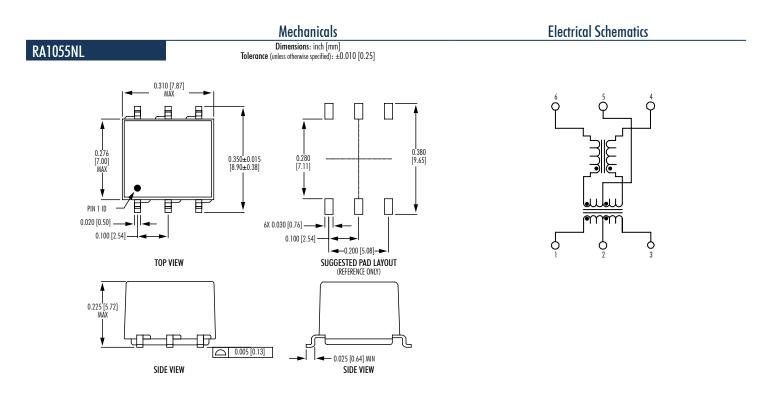


- **INRC©RE**
- AEC-Q200 Compliance
- Designed for use with ADI LTC6804/681X series, NXP MC33771/33772 and TI BQ79616
- Operating Temperature: -40°C to +125°C
- Lead Finish: Sn100
- Moisture Sensitivity Level: 1

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

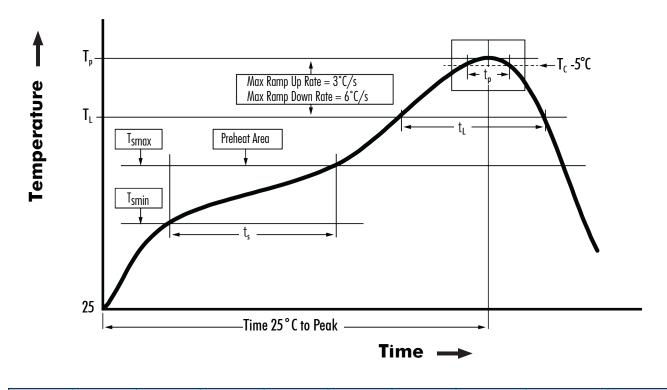




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## Non-Lead Recommended Reflow Profile (Based on J-STD-020D)



T <sub>smin</sub> (°C)	T <sub>smax</sub> (°C)	т <sub>.</sub> (°С)	T <sub>p</sub> (°C MAX)	t <sub>s</sub> (s)	t <sub>L</sub> (s)	t <sub>e</sub> (s MAX)	Ramp-up rate (T <sub>L</sub> to T <sub>P</sub> )	Ramp-down rate (T <sub>P</sub> to T <sub>L</sub> )	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.



iNRCORE, LLC 311 Sinclair Road, Bristol, PA 19007-6812 USA Tel: +1.215.781.6400 Fax: +1.215.781.6430

www.iNRCORE.com

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