

Features

- IEEE 802.3 Ethernet compatible
- Discrete transformers and common mode chokes for flexible PCB layout
- PoF+
- Pair with common mode choke SRF2012A-801Y for EMI reduction
- Expanded temperature range: -40 to +85 °C
- RoHS compliant*

SM453229-231N7Y - 10/100/1000 Base-T PoE+ Chip LAN Transformer

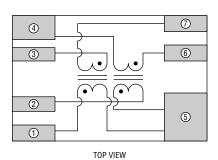
Electrical Specifications at 25 °C

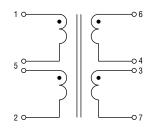
Turns Ratio (± 3 %)
Pin 1-2 & 3-4 / short 6-7......1 : 1

Insertion Loss (1-100 MHz)-1.5 dB max. Capacitance (Pin 3-4)35 pF typ.

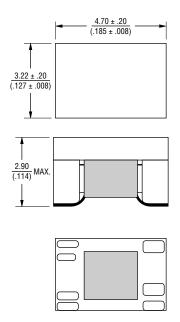
......1500 VAC, 60 sec.
Operating Temperature......-40 to +85 °C
Storage Temperature.....-40 to +85 °C
Packaging.........2000 pcs. / reel

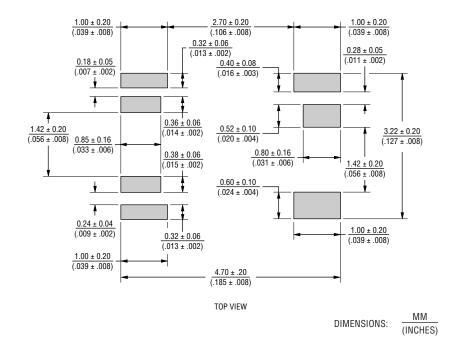
Electrical Schematic





Product Dimensions







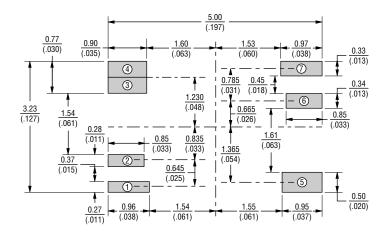
WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

* RoHS Directive 2002/95/EC Jan. 27, 2003 including annex and RoHS Recast 2011/65/EU June 8, 2011. Specifications are subject to change without notice.

Users should verify actual device performance in their specific applications.

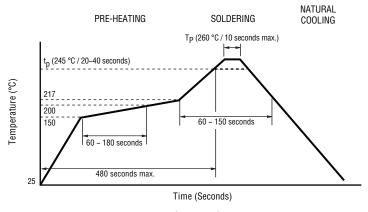
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Recommended Pad Layout



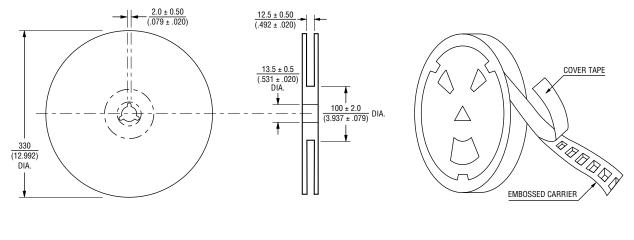
MMDIMENSIONS: (INCHES)

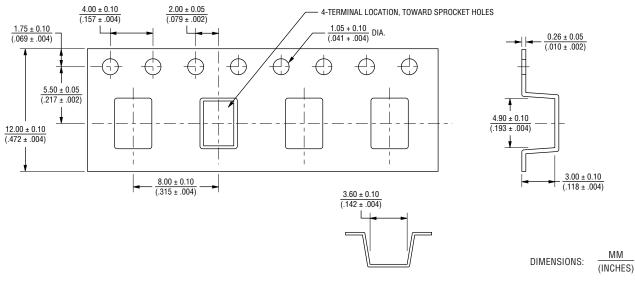
Soldering Profile



SM453229-231N7Y - 10/100/1000 Base-T PoE+ Chip LAN Transformer **BOURNS**°

Packaging Specifications





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