

Inductors

NS10165T150MNV8



■ Features

- Item Summary
15uH±20%, 3.6A, 10.1x10.1x6.5mm
- Lifecycle Stage
New PN available
- Standard packaging quantity (minimum)
Taping Embossed 2000pcs(500pcs*4reel)

■ Products characteristics table

Inductance	15 uH ± 20 %
Case Size (mm)	10.1x10.1
Rated Current (max)	3.6 A
Saturation Current (max)	3.6 A (ΔL=30%)
Temperature Rise Current (max)	3.84 A (ΔT=40°C)
DC Resistance (max)	33.6 mΩ
DC Resistance (typ)	28 mΩ
LQ Measuring Frequency	100 kHz
Self Resonant Frequency (min)	13.2 MHz
Operating Temp. Range	-40 to +125 °C (Including-self-generated heat)
Temperature characteristic (Inductance change)	± 15 %
RoHS Compliance (10 subst.)	Yes
REACH Compliance (223 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

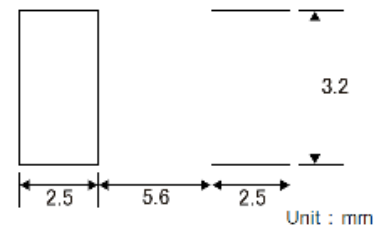
■ External Dimensions

Dimension L	10.1 ±0.3 mm
Dimension W	10.1 ±0.3 mm
Dimension H	6.5 ±0.35 mm
Dimension a	2.8 ±0.1 mm
Dimension b	2.0 ±0.15 mm

■ Recommended Land Patterns

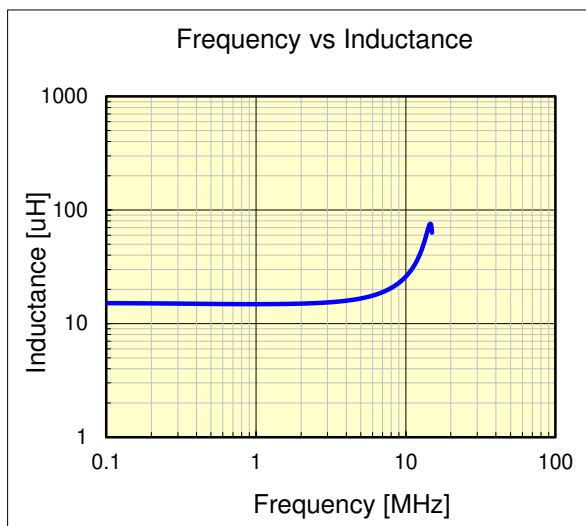
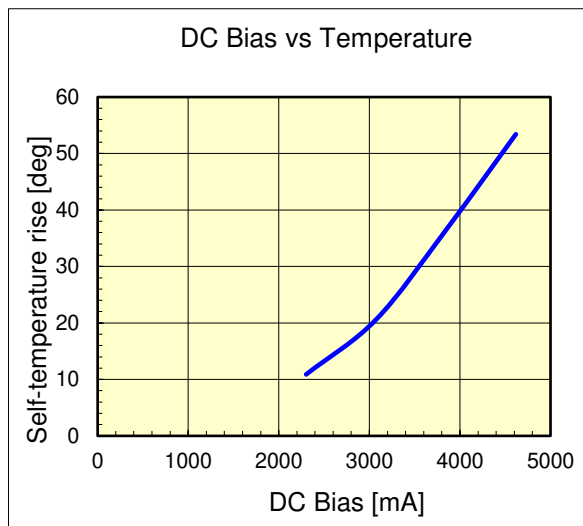
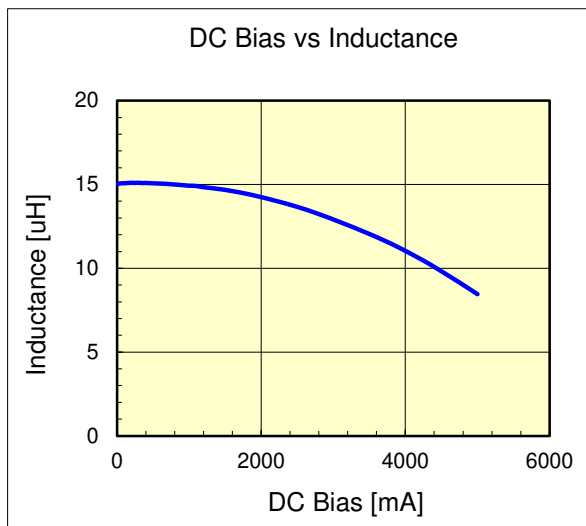
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【Dimensional Land Pattern】
 1. This is the recommended land pattern for reflow soldering.
 2. Apply the soldering process to these products in the recommended way.



Wire Wound Inductor

NS10165T150MNV8



The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the data at any time without notice. Before making final selection, please check product specification.

Please read this notice before using the TAIYO YUDEN products.



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