TLA-6T211A(-T) ISO8802.3(IEEE802.3) 10/100/1000BASE-T

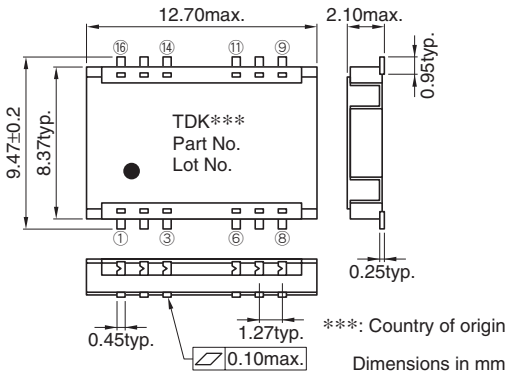
FEATURES

- Lead free product.
- Can be mounted with lead-free solder (260°C max.).
- 16-pin(1.27mm pitch) SMD package.
- Low profile (H)2.1mm max. for note PC application.
- Excellent common mode noise suppression.
- Inductance is 350µH or greater (f=100kHz, DC bias=8mA).
- Using the high-quality and wide-band ferrite cores for LAN.
- Packaging specification is taping and bulk(TLA-6T211A-T: Tape and reel, TLA-6T211A: Bulk).

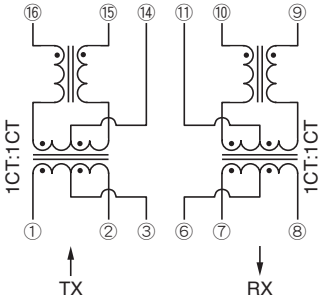
GENERAL SPECIFICATIONS

Pulse transformer		2
Common-mode choke		2
Port		1
Temperature ranges	Operating	0 to +70°C
	Storage	–40 to +85°C
Withstanding voltage		Erms:1500V[60s]

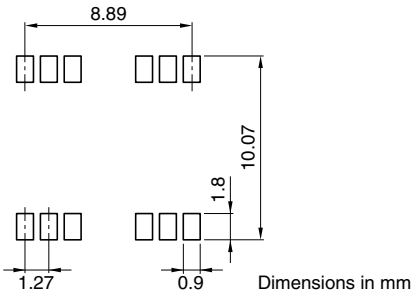
SHAPES AND DIMENSIONS



CIRCUIT DIAGRAM



RECOMMENDED PC BOARD PATTERN



ELECTRICAL CHARACTERISTICS

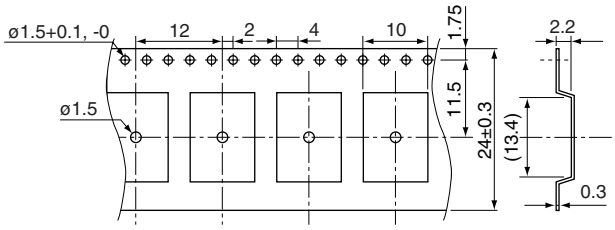
Part No.	Turns ratio ①③②:⑯⑭⑮ ⑦⑥⑧:⑩⑪⑨	Inductance (µH)min. [DC bias 8mA, 100kHz] ⑯-⑮ ⑩-⑨	Insertion loss (dB)max. [0.1 to 125MHz] ①②-⑯⑮ ⑩⑨-⑦⑧	Inter-winding stray capacitance (pF)max.[100kHz] ①②-⑯⑮ ⑩⑨-⑦⑧
TLA-6T211A(-T)	1CT:1CT	350	1	25
	1CT:1CT	350	1	25

• Ta=25°C

PACKAGING STYLES

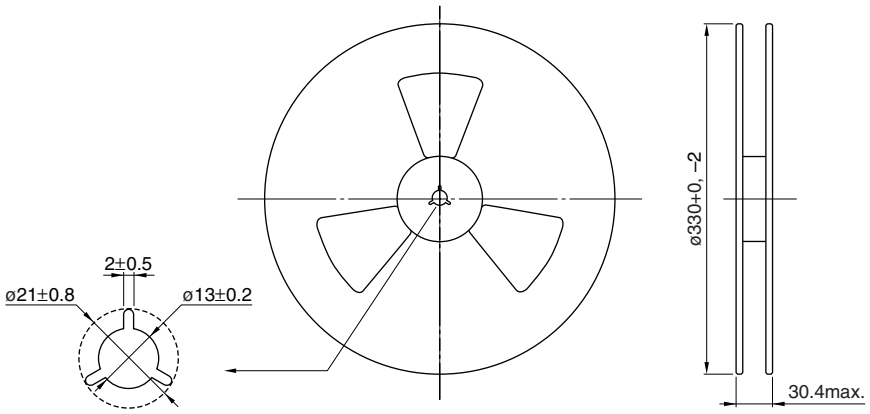
Quantity : 1500pieces/reel

TAPE DIMENSIONS



Dimensions in mm

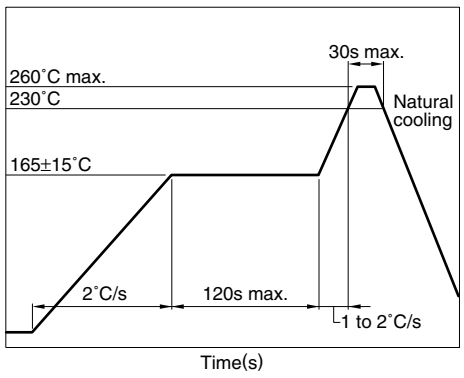
REEL DIMENSIONS



Dimensions in mm

RECOMMENDED SOLDERING CONDITION

REFLOW SOLDERING



- Temperature is measured at the terminal portion of product (Using thermocoupler for measurement).
- This profile is reference data we recommend. Please check in your actual process.
- For reliable soldering, the thickness of solder paste screen should be over the terminal co-planality.
- The cutted end of terminal has no plating(out of subject of solder ability).

RECOMMENDED STORE CONDITION

The product is packaged by Anti-humid Al bag, in order to keep a good solder ability condition and resistance to soldering heat for products.

- Before aluminum bag opening
  Temperature range: +5 to +40°C
  Humidity: 90(%)RH max.
  Storage period: 1year
- After aluminum bag opening
  Temperature range: +5 to +30°C
  Humidity: 60(%)RH max.
  Storage period: 1week