



**THE DATASHEET OF
TLA-8T102WLF-T**





TDK PULSE TRANSFORMER FOR LAN

**TLA-8T102WLF(-T) FOR MOST, EXTENDED TEMPERATURE RANGE
16PIN(1.27mm PITCH) SMD PACKAGE**

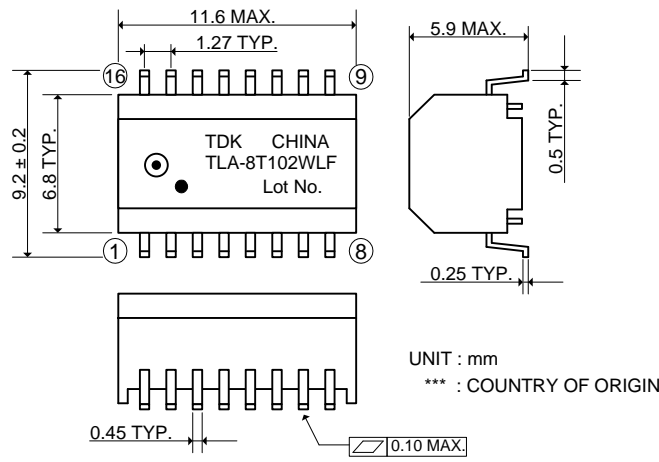
FEATURES

- LEAD FREE PRODUCT
- DESIGNED FOR LEAD FREE REFLOW SOLDERING (260°C MAX)
- GREATER THAN 100μH(100KHz,-40~+95°C)
- EXCELLENT COMMON MODE NOISE SUPPRESSION
- USING THE HIGH-QUALITY AND WIDE-BAND FERRITE CORES FOR LAN
- TAPE & REEL AVAILABLE (TLA-8T102WLF-T ; TAPE&REEL)

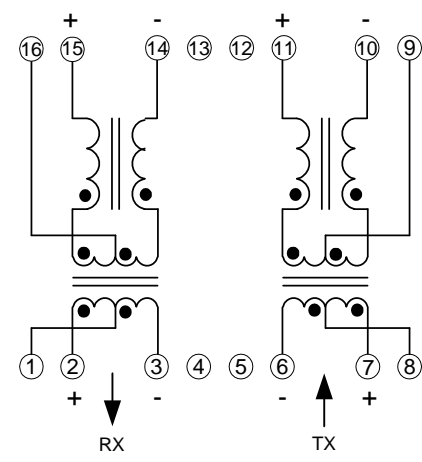
GENERAL SPECIFICATIONS

OPERATING TEMPERATURE	: -40 ~ +95°C
STORAGE TEMPERATURE	: -40 ~ +95°C
WITHSTANDING VOLTAGE	: 100Vrms 60sec.

DIMENSIONS



SCHEMATICS



ELECTRICAL CHARACTERISTICS

N.C. PIN ④ ⑤ ⑫ ⑬ *Ta=25°C*

PART NUMBER	TURNS RATIO	INDUCTANCE	INSERTION LOSS	INTER WINDING CAPACITANCE
		100KHz ②-③ ⑦-⑥ (μH) MIN.	1~50MHz ⑮⑭-②③ ⑦⑥-⑪⑩ (dB) MAX.	100KHz ②③-⑮⑭ ⑦⑥-⑪⑩ (pF) MAX.
TLA-8T102WLF(-T)	1CT : 1CT 1CT : 1.5CT	100 100	1.0 1.5	25

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

- ⊖ [View TLA-8T102WLF-T on WIN SOURCE](#)
- ⊖ [TDK Corporation](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

- ✓ Global Sourcing Solution
- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management