



TDK PULSE TRANSFORMER FOR LAN

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

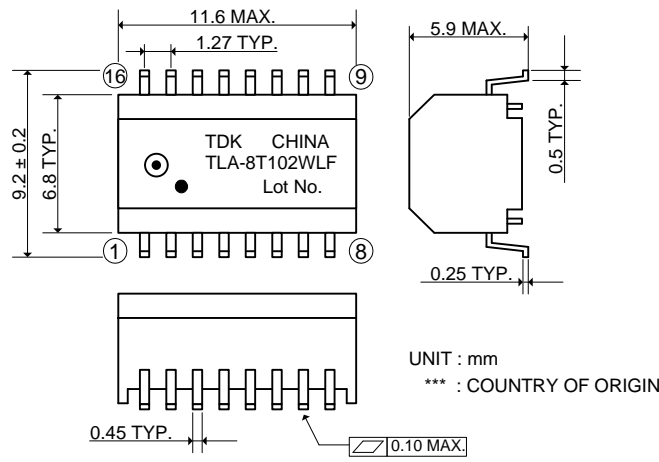
FEATURES

- 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)

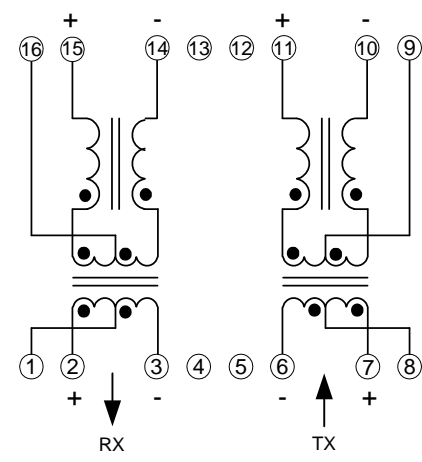
GENERAL SPECIFICATIONS

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

DIMENSIONS



SCHEMATICS



ELECTRICAL CHARACTERISTICS

PART NUMBER	TURNS RATIO	INDUCTANCE	INSERTION LOSS	INTER WINDING CAPACITANCE
		100KHz	1~50MHz	100KHz
	(2) (1) (3) : (15) (16) (14) (6) (8) (7) : (11) (9) (10)	(2) - (3) (7) - (6) (μH) MIN.	(15) (14) - (2) (3) (7) (6) - (11) (10) (dB) MAX.	(2) (3) - (15) (14) (7) (6) - (11) (10) (pF) MAX.
TLA-8T102WLF(-T)	1CT : 1CT 1CT : 1.5CT	100 100	1.0 1.5	25

N.C. PIN (4) (5) (12) (13)

Ta=25°C

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE