



TDK PULSE TRANSFORMER FOR LAN

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

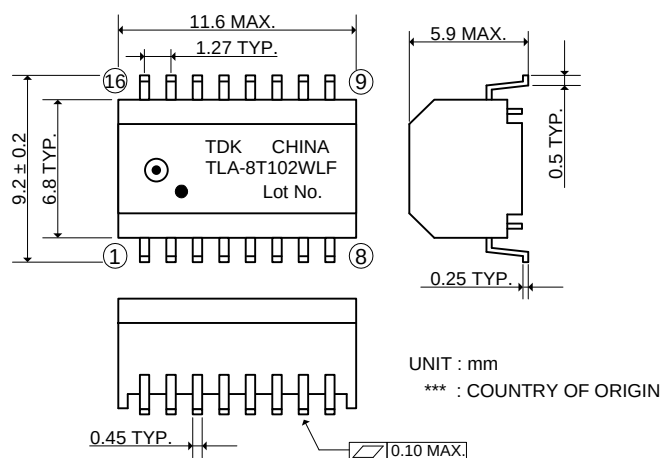
FEATURES

- LEAD FREE PRODUCT
- DESIGNED FOR LEAD FREE REFLOW SOLDERING (260°C MAX)
- GREATER THAN 100 μ H(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)

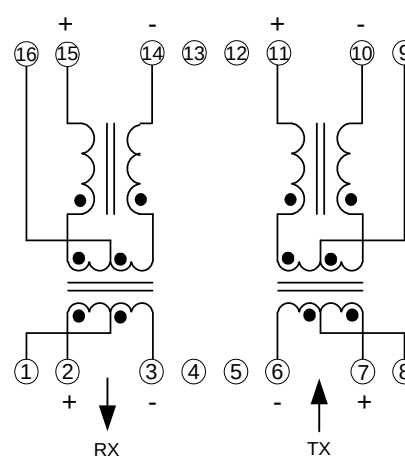
GENERAL SPECIFICATIONS

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	1~50MHz	100KHz
	② ① ③ : ⑮ ⑯ ⑭ ⑥ ⑧ ⑦ : ⑪ ⑨ ⑩	② - ③ ⑦ - ⑥ (μ H) 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

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

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