

# LAN Components

## Pulse Transformers

### DIP

## TLA-3E Series

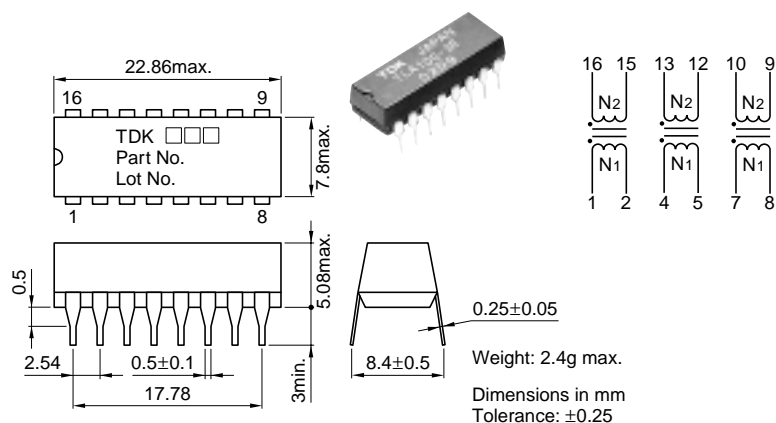
### FEATURES

- They are conformed for ISO8802-3(IEEE802.3) 10BASE5, 10BASE2 and 10BASE-T.
- High quality afforded by transfer molded.
- Employs toroidal ferrite core.

### TEMPERATURE RANGES

Operating	0 to +70°C
Storage	-40 to +100°C

### SHAPES AND DIMENSIONS/CIRCUIT DIAGRAMS



### ELECTRICAL CHARACTERISTICS

Part No.	Turns ratio N <sub>1</sub> :N <sub>2</sub>	Inductance (μH)±20% N <sub>1</sub>	Leakage inductance (μH)max. N <sub>1</sub> [N <sub>2</sub> shorted]	Inter-winding DC resistance stray capacity (pF)max. N <sub>1</sub> to N <sub>2</sub>	Inter-winding DC resistance (Ω)max.		ET constant (V-μs)min. N <sub>1</sub>	Insulation resistance (MΩ)min. [DC,100V]	Withstand voltage Erms(kV) [50Hz, 60s]
					N <sub>1</sub>	N <sub>2</sub>			
TLA050-3E	1:1	50	0.2	9	0.2	0.2	2.1	100	2
TLA075-3E	1:1	75	0.2	10	0.2	0.2	2.1	100	2
TLA100-3E	1:1	100	0.2	10	0.3	0.3	2.1	100	2
TLA150-3E	1:1	150	0.2	12	0.3	0.3	2.1	100	2