

LAN Components

Pulse Transformers

SMD/DIP

CIT-5 Series

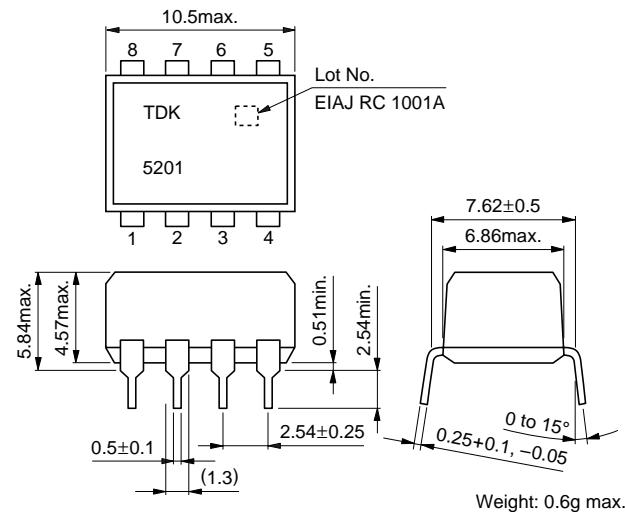
FEATURES

- These pulse transformers conform to ISO8802-3 (IEEE802.3) Token Ring.
- Transfer molded for highest quality.
- They support both 4Mbps and 16Mbps applications.
- Available in both DIP and SMD types.
- Smaller than conventional parts, these products enable high-density mounting configurations.
- The SMD type is available in tape packaging (minimum package quantity: 1000 units/reel).

SHAPES AND DIMENSIONS

DIP TYPE

CIT0710D-5201

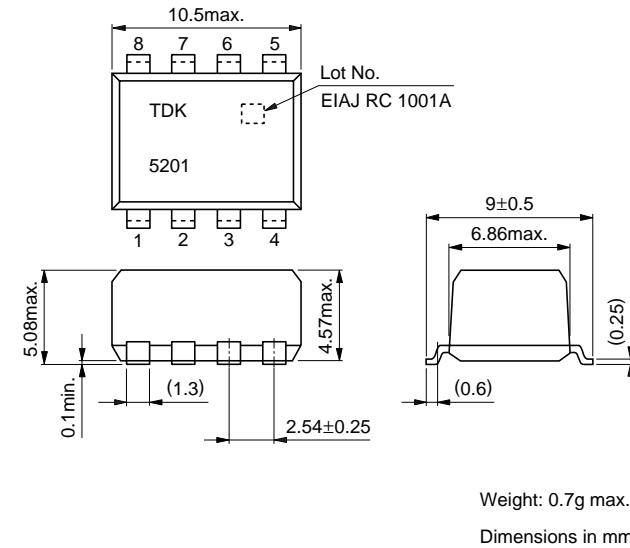


TEMPERATURE RANGES

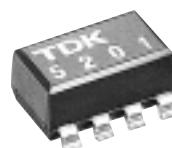
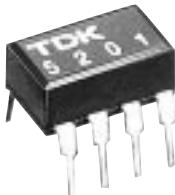
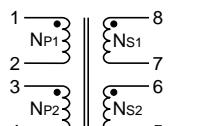
Operating	0 to +70°C
Storage	-20 to +80°C

SMD TYPE

CIT0710S-5201



CIRCUIT DIAGRAM



ELECTRICAL CHARACTERISTICS

Part No.	Turns ratio Np1:Np2:Ns1:Ns2	Inductance (μ H)min. Np1	Leakage inductance (μ H)max. Np1, Np2 [Ns1, Ns2 shorted]	Inter-winding stray capacity (pF)max. (Np1+Np2) to (Ns1+Ns2)	DC resistance (Ω)max.				Insulation resistance (M Ω) [DC.500V]	Withstand voltage Erms(V) [50Hz,60s]
					Np1	Np2	Ns1	Ns2		
CIT0710D-5201	1:1:2:2	150	0.5	15	0.15	0.15	0.25	0.25	100	500
CIT0710S-5201	1:1:2:2	150	0.5	15	0.15	0.15	0.25	0.25	100	500

• Suffix(T) of product No. is added in SMD type (example: CIT07105-5201T).