

# Token Ring Isolation Transformers

## EP9842-X & EP9842-X-LF

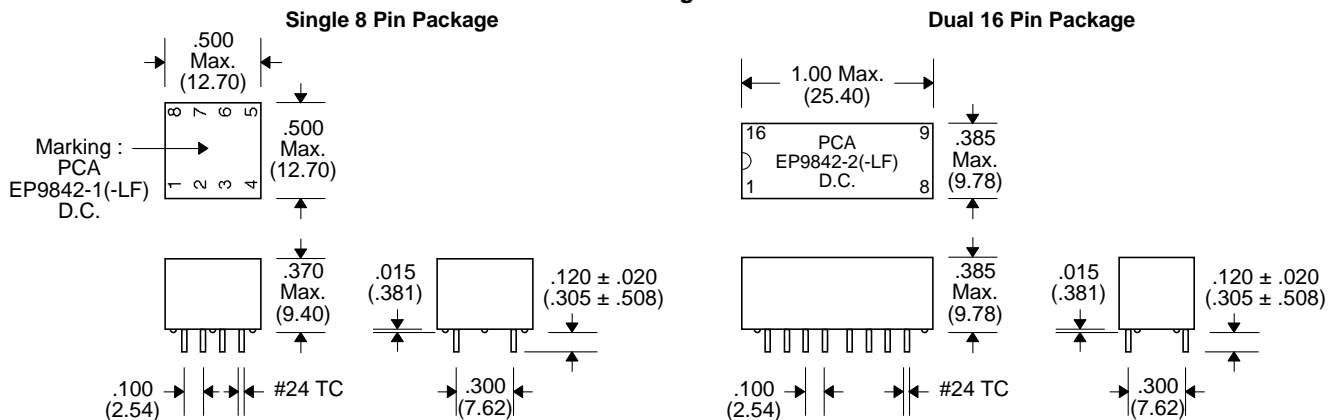
- Designed for IBM and Token Ring for 4 MHz Applications
- Hipot : 500 Vrms (in compliance with LAN's Safety Requirements)
- Available in Single and Dual Low Profile Thru-Hole Packages
- Add "-LF" after part number for Lead Free
- Storage Temperature : -40°C to +125°C
- Operating Temperature : 0°C to +70°C
- IEEE 802.5 Compatible

### Electrical Parameters @ 25° C

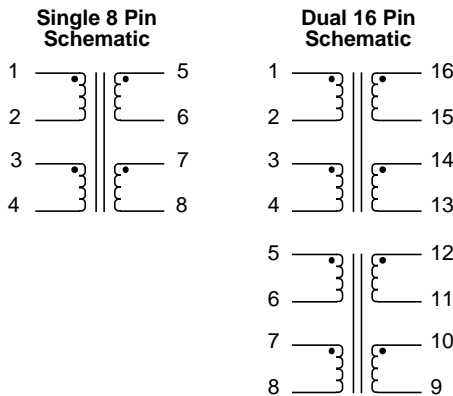
PCA Part Number	OCL (mH Ref.) @ 100 KHz, 100 mV	Interwinding Capacitance (pF Max.)	Leakage Inductance (μH Max.)	Insertion Loss (dB Max.) @ 10 MHz	Return Loss (dB Min.) @ 5 MHz	CMR (dB Min.) @ 1.0 MHz	DCR (Max.)	
							Pri.	Sec.
EP9842-1(-LF) [Single]	1.0	15	0.4	0.5	20	-60	0.55	0.85
EP9842-2(-LF) [Dual]	1.0	15	0.4	0.5	20	-60	0.55	0.85

- **Hipot** : 500 Vrms Between Pri. and Sec. Windings & also from Coil to Coil in Dual Package
- **Turns Ratio** : 1:1:2:2 ± 5%

### Packages



### Schematics



Notes :	EP9842-X	EP9842-X-LF
1. Lead Finish	SnPb	Hot Tin Dip (Sn)
2. Peak Temperature Rating	260°C	260°C
3. Moisture Sensitive Levels	MSL = 1 (Unlimited, 30°C/60%RH)	MSL = 1 (Unlimited, 30°C/60%RH)
4. Weight	2.56 grams (-1)	2.56 grams (-1)
5. Packaging Information (Tube for -1)	41 pieces/tube	41 pieces/tube
(Tube for -2)	24 pieces/tube	24 pieces/tube

Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25