



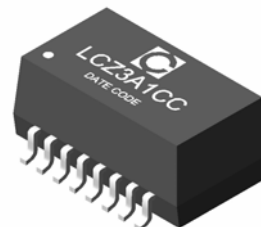
## SINGLE PORT 10/100 BASE PULSE TRANSFORMERS

P/N: LCZ3A1CC

Page : 1/2

### Feature

- Magnetic designs to support every PHY.
- Complies with IEEE 802.3 standards including 350 $\mu$ H min OCL with 8mA bias.
- HI-POT: 1500V.
- RoHS compliant.



### Electrical Specifications @ 25°C

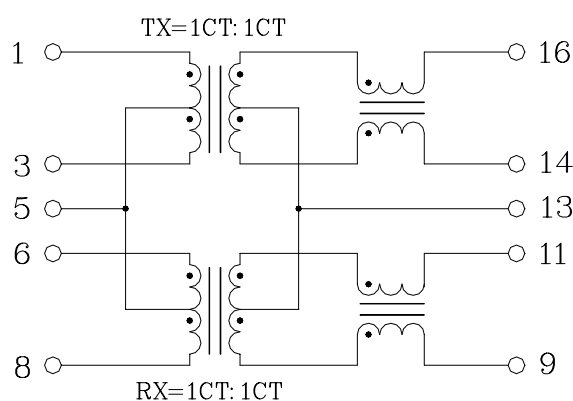
Part Number	Turns Ratio ( $\pm 5\%$ )		L.L ( $\mu$ H Max)	$C_{ww}$ (pF Max)	DCR ( $\Omega$ Max)		HI-POT (Vrms)
	1-3 : 16-14	6-8 : 11-9			1-3/6-8	16-14/11-9	
LCZ3A1CC	1CT : 1CT	1CT : 1CT	0.5	50	0.7	1.1	1500

### Continue

Part Number	Insertion Loss (dB Max)	Return Loss (dB Min)			Cross talk (dB Min)		DCMR (dB Min)		
	0.3-100MHz	30MHz	60MHz	80MHz	0.3-60MHz	60-100MHz	30MHz	60MHz	100MHz
LCZ3A1CC	-1.15	-18	-14	-12	-45	-35	-40	-35	-30

\* Operating temperature range: 0°C to +70°C. Storage temperature range: -25°C to +125°C.

### Schematic



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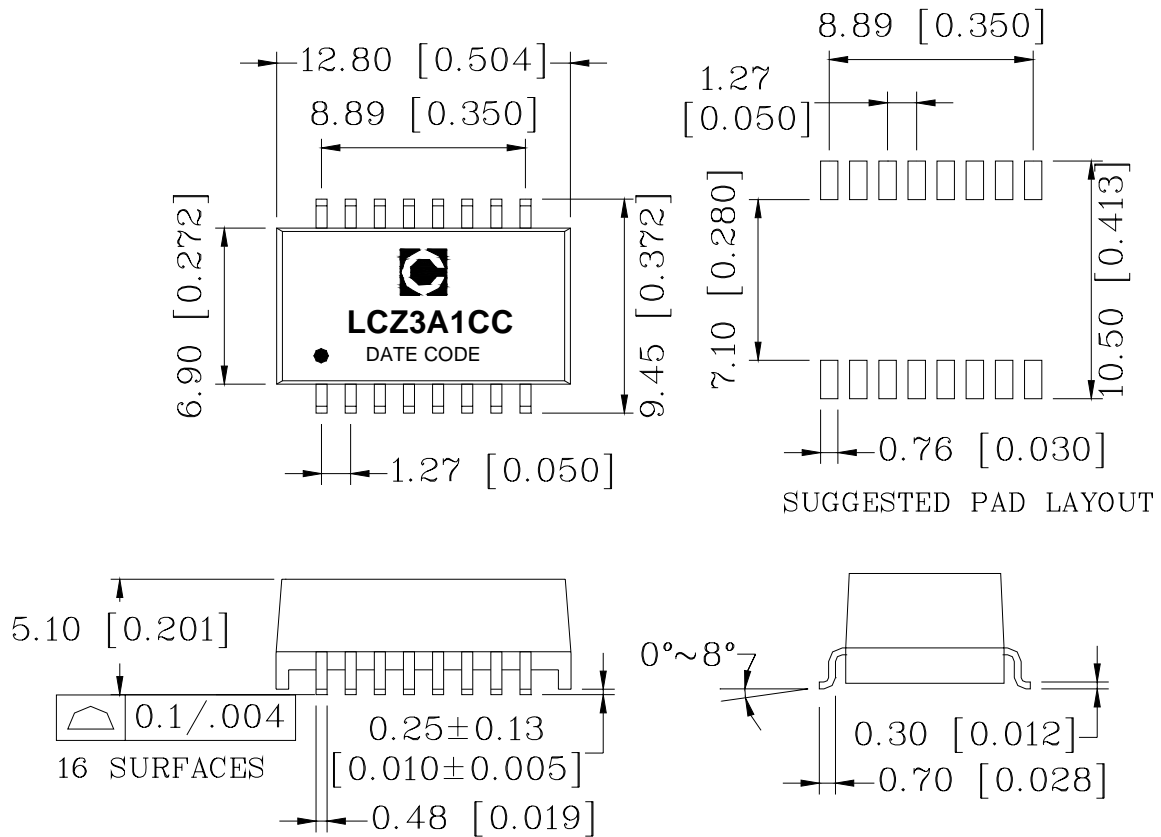


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P/N: LCZ3A1CC

Page : 2/2

### Mechanical



Units: mm[Inches].

Tolerance: ±0.25 (0.010) unless specified otherwise.

### Note:

Datasheet Change History:

V0	2008/Jan.	Datasheet Set Up

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