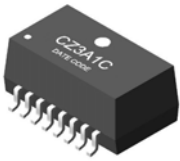


# MAGNETIC PRODUCTS

## 10/100 BASE-T SMD LAN transformer

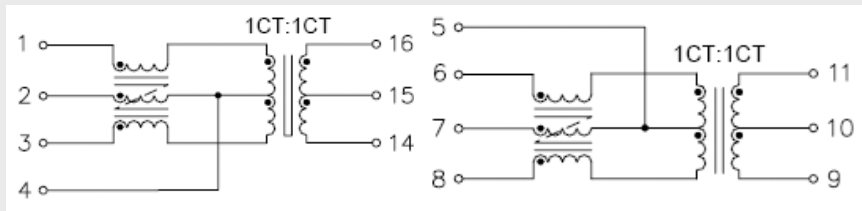


- Compliant with IEEE 802.3u and ANSI X3.263 standards
- Wide operating temperature range
- Low profile 16pin SOIC package

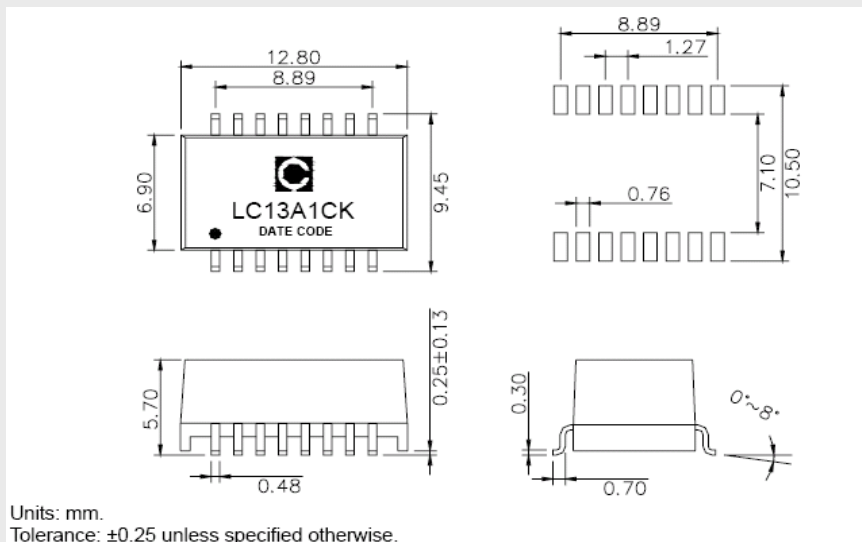
### Technical data @ 25°C:

Turns ratio +/- 3%	
1-3 : 16-14:	1CT : 1CT
6-8 : 11-9:	1CT : 1CT
OCL@100KHz/0.1Vrms, 8.0mA:	350uH min
LL, 11-9, 16-14:	0.4uH max
DCR, 11-9, 16-14:	1ohm max
Cw/w:	25pF typ
Insertion loss, 0.1-100MHz:	-1.1dB max
Return loss,	
0.5-30MHz:	-18dB min
40MHz:	-15.5dB min
50MHz:	-13.6dB min
60-80MHz:	-12dB min
Cross talk, 0.1-100MHz:	-40dB min
CMR, 0.1-100MHz	-40dB typ
Isolation:	1500Vrms
Operating temperature:	-40°C...+85°C
Storage temperature:	-40°C...+125°C

### Schematic:



### Mechanical:



### Ordering information:

Part number	Description
10323001	Single port 10/100 BASE-T SMD LAN transformer