

Features

- Low height of 6.22 mm
- HIPOT of 1500 VAC
- Dual transformer for transmit and receive
- RoHS compliant*

Applications

- Telecom

SM74346EL - T1/CEPT/ISDN Transformer

Electrical Specifications @ 25 °C

OCL (16-14)	
mH min. @ 10 kHz, 0.1 V	1.2
OCL (6-8)	
mH min. @ 10 kHz, 0.1 V	1.2
LL (16-14)	
µH max. @ 100 kHz, 0.1 V,	
short (1-3)	0.6
LL (6-8)	
µH max. @ 100 kHz, 0.1 V,	
short (11-9)	0.6
Cww (16-1)	
pF max. @ 100 kHz, 0.1 V	30
Cww (6-11)	
pF max. @ 100 kHz, 0.1 V	30
DCR (16-14) ohm max.	0.7
DCR (6-8) ohm max.	0.7
DCR (1-3) ohm max.	1.4
DCR (11-9) ohm max.	1.4
Turns Ratio	
(16-14) : (1-3)	1CT : 2CT ±5 %
(6-8) : (11-9)	1CT : 2CT ±5 %
Polarity (1, 16, 6, 11)	Same phase
HIPOT	
Between Windings	1500 VAC
Between Transformers	1500 VAC
Operating Temperature (°C)	0 to +70

*CT : center tap

Packaging Specifications

Tape & Reel* 700 pcs./reel

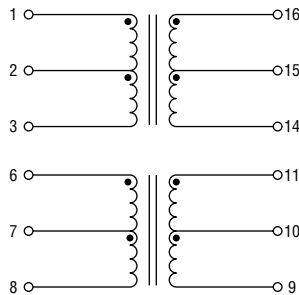
*"E" suffix before "L" in part number designates tape & reel packaging, e.g. SM74346EL.

How To Order

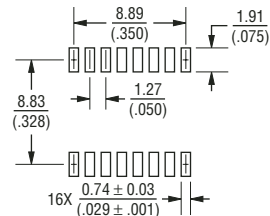
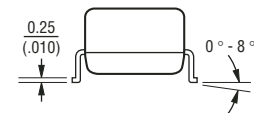
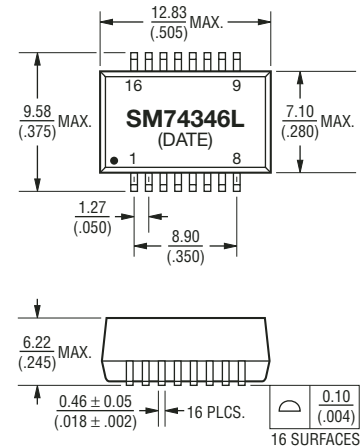
SM74346E L

Model _____
 Termination _____
 L = Tin only (lead free)

Electrical Schematic



Product Dimensions



DIMENSIONS: $\frac{\text{MM}}{\text{(INCHES)}}$

TOLERANCE: $\pm \frac{0.254}{(.010)}$

REV. 09/08

*RoHS Directive 2002/95/EC Jan 27 2003 including Annex.
 Specifications are subject to change without notice.
 Customers should verify actual device performance in their specific applications