

Features

- Low height of 6.22 mm
- HIPOT of 1500 VAC
- Dual transformer for transmit and receive
- Lead free version available (see How to Order)
- Lead free versions are RoHS compliant*

Applications

- Telecom

SM74346E - T1/CEPT/ISDN Transformer

Electrical Specifications @ 25 °C

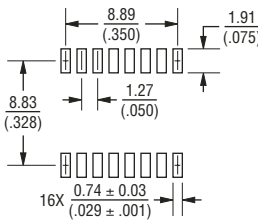
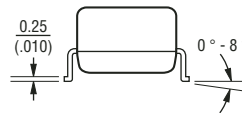
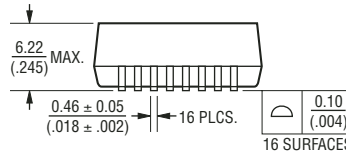
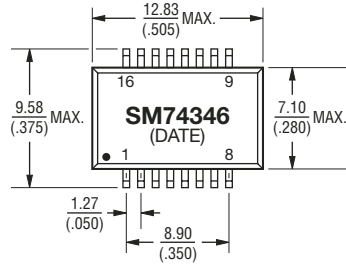
OCL (16-14)	mH min. @ 10 kHz, 0.1 V	1.2
OCL (6-8)	mH min. @ 10 kHz, 0.1 V	1.2
L (16-14)	μH max. @ 100 kHz, 0.1 V, short (1-3)	0.6
L (6-8)	μH max. @ 100 kHz, 0.1 V, short (11-9)	0.6
C _{ww} (16-1)	pF max. @ 100 kHz, 0.1 V	30
C _{ww} (6-11)	pF max. @ 100 kHz, 0.1 V	30
DCR (16-14) ohm max.		0.7
DCR (6-8) 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) : (11-19)	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

Product Dimensions

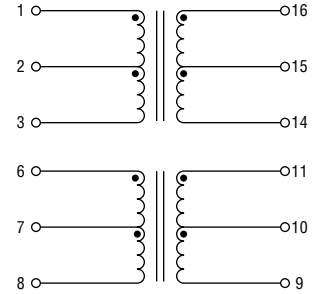


Recommended PAD layout

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

TOLERANCE: ± $\frac{0.254}{(.010)}$

Electrical Schematic



How to Order

SM74346E

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