


Features

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

 This series is Sd M/R_U not recommended for new designs.

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)	μ H max. @ 100 kHz, 0.1 V,	
	short (1-3).....	0.6
LL (6-8)	μ H 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 \pm 5 %	
(6-8) : (11-19)	1CT : 2CT \pm 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

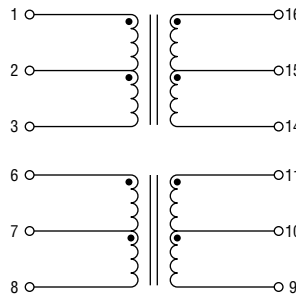
**"E" suffix before "L" in part number designates tape & reel packaging, e.g. SM74346EL.

How To Order

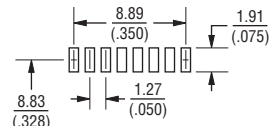
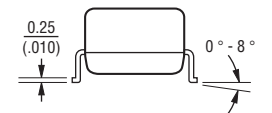
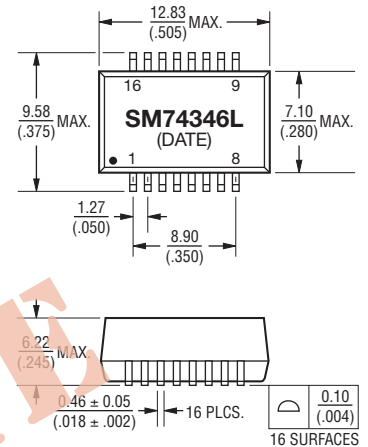
SM74346E L

Model _____
Termination _____
L = Tin only (RoHS Compliant)

Electrical Schematic



Product Dimensions



Recommended PAD layout

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

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