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

- Turn 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

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

How To Order
SM74346EL
Model
Termination
L = Tin only (RoHS Compliant)

REV. 05/13

Specifications are subject to change without notice.
The device characteristics and parameters in this data sheet can and do vary in different applications and actual device performance may vary over time.
Users should verify actual device performance in their specific applications.

This series is OBSOLETE AND not recommended for new designs.