

UM PART NO.: UT21964S	SPECIFICATIONS	REV.	
	ISDN U-Interface Transformers Small Surface Mount Package For Applications in 2B1Q and 4B3T Coding	A1	01/27

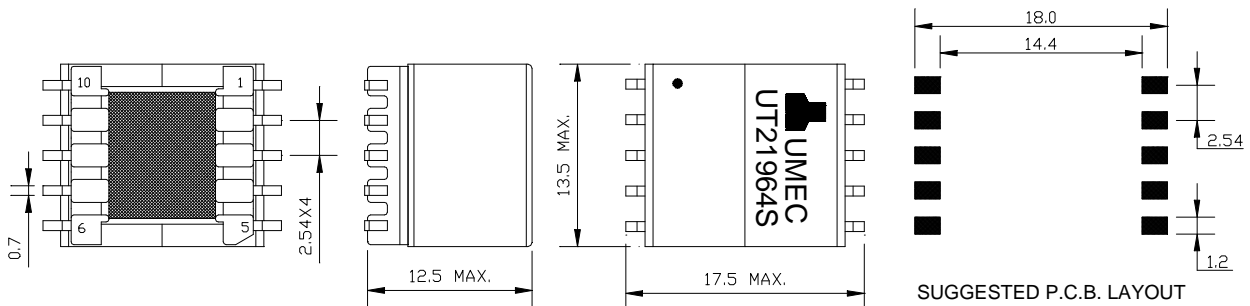
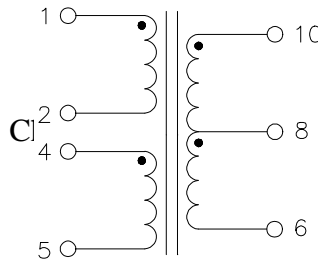
Electrical specification at 25⁰C:

- | | |
|---------------------------------|---|
| 1.) Turns Ratio and Polarity | : 1.25CS : 1CT±2% , Line Side : Chip Side . |
| 2.) D.C.R | : 23.0Ω max. , Line Side . |
| | : 15.0Ω max. , Chip Side . |
| 3.) Inductance | : 25.5 ~ 30.5mH , at 10KHz 100mV 0~40mA , Line Side . |
| 4.) Return Loss | : 13dB min. , at 10KHz~25KHz . |
| 5.) Longitudinal Balance | : 55dB min. , at 281Hz~40KHz . |
| 6.) HI-pot test | : 1875Vac 0.5mA 2s , Line Side to Chip Side . |
| 7.) Operating Temperature Range | : -40°C to +85°C |

Note: the transformer meets the specifications for supplementary insulation per IEC 950 with working voltage of 250V.

Schematic diagram & Dimension:

Line Side



- NOTE: 1.PACKAGING INFORMATION-TAPE AND REEL
ACCORDING TO ITEM NO. "EP13(SMD)" OF DATA SHEET 01-00
2.Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : ± 0.2mm

E10-013-B



UMEC Europe
Universal Microelectronics

UMEC elektronische Komponenten GmbH
Kreuzenstraße 80 • D-74076 Heilbronn
Tel. 07131/76170 • Fax 07131/761720

Homepage: www.umec.de

e-mail: info@umec.de