

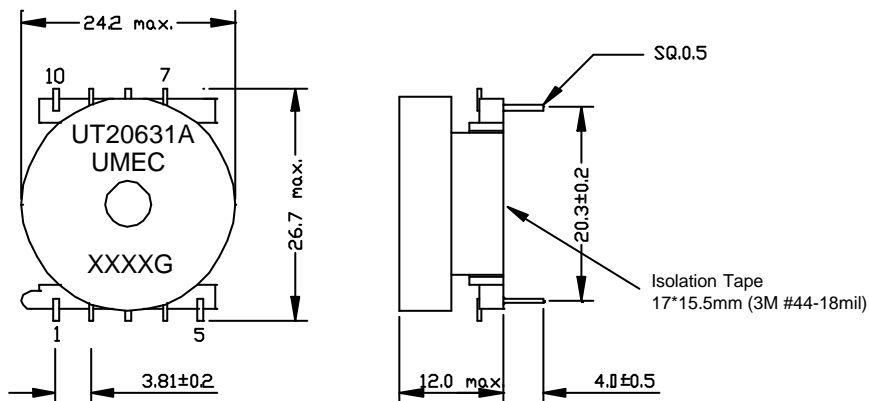
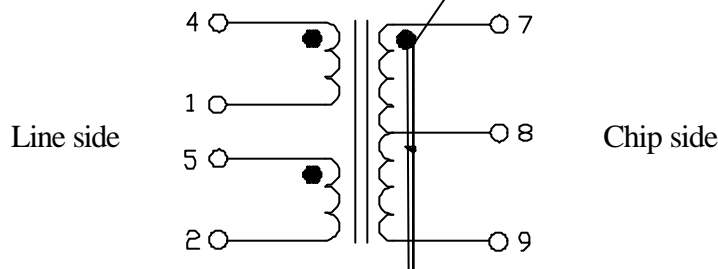
# ISDN

UM MODEL NO.:	SPECIFICATIONS	REV.	
UT20631A	U-Interface Transformer for National TP3410	A3	2006/50

### Electrical specification at 25<sup>0</sup>C:

- 1.) Turns Ratio and Polarity : 1.5CS : 1CT±2% , Line side to Chip side .
- 2.) D.C.R : 20.0Ω max. , PIN(4-2) ; PIN(1-5) shorted.  
3.0Ω max. , PIN(7-9).
- 3.) Line side Inductance : 25.6mH~28.4mH , at 10KHz 100mV, PIN(4-2) ; PIN(1-5) shorted .
- 4.) DC. Current : 60mA max .
- 5.) Longitudinal Balance : 55dB min. , 281Hz to 40KHz .  
-20dB / decade , above 40KHz .
- 6.) Return Loss : 20dB min. , at 10KHz and 25KHz .
- 7.) Surge Voltage Resistability : Metallic @800Vpeak 10/700 usec.  
: Long. @2400Vpeak 10/560 usec.
- 8.) Total Harmonic Distortion : -50dB max. , at 500Hz 0dBm .
- 9.) HI-pot test : 2500Vrms 2s , Line side to Chip side .

### Schematic diagram & Dimension:



- NOTE : 1. For RoHS compliant products:  
a.) The UMEC ordering code: **TG-UT20631A**  
b.) Date Code suffix to "G" (xxxxG).  
c.) Solder : Sn/Cu .  
2. Specifications are subject to change without prior notice.

UNIT : mm

Tolerances : ±0.2mm



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E10-013-C