

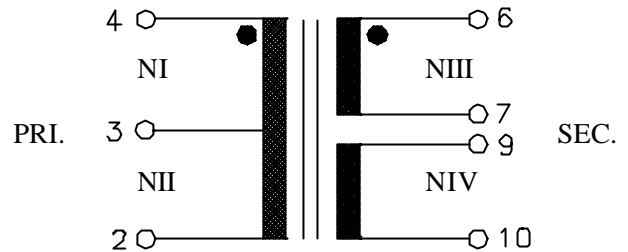
# HDSL

UM MODEL NO.:	SPECIFICATION	REV.	
UT20650	HDSL Transformer	A3	01/43

**Characteristic data:**

$f=60\text{KHz}$   
 $R_{I+II}=2.0\Omega$  (max.)  
 $R_{III}=2.0\Omega$  (max.)  
 $R_{IV}=2.0\Omega$  (max.)  
 $I_{dc}=75\text{mA}$  (max.)

**Schematic diagram:**

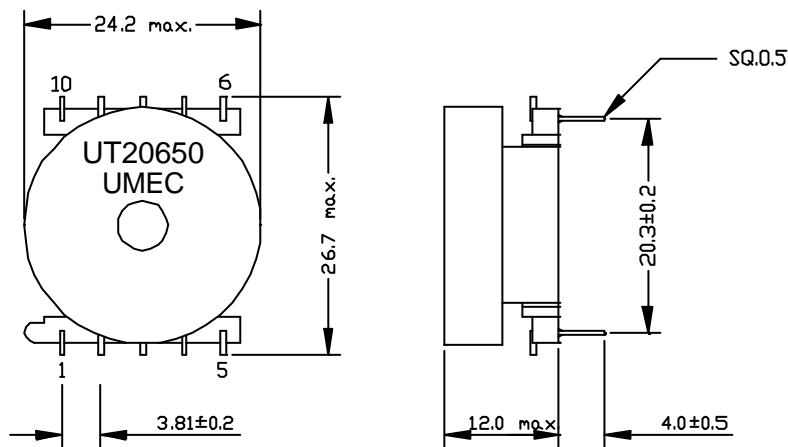


Turns Ratio : 1:1.8 (  $N_{I+II}:N_{III+IV}$  )

**Electrical Specification at 25°C:**

- 1.)  $L_{III+IV}=2.06\text{mH}\pm 6\%$ , at 10KHz, 100mV
- 2.) Polarity and turns ratio tolerance:  $\pm 2\%$
- 3.) Hi-pot: 2500Vrms 2s, (  $N_{I+II}$  TO  $N_{III+IV}$  )
- 4.) Longitudinal Balance: 55dB min. ,at 5KHz to 292KHz.
- 5.) Return Loss: 16.5dB min. ,at 40KHz~320KHz.
- 6.) THD: -70dB typ., at 5KHz, 6.2dBm.

**Dimension:**



NOTE: Specifications are subject to change without prior notice.

UNIT: mm

E10-032-C



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