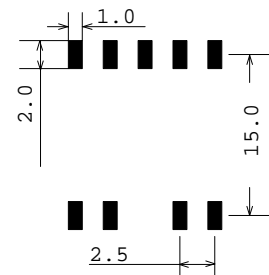
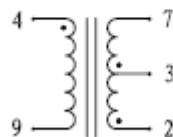
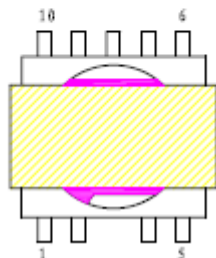
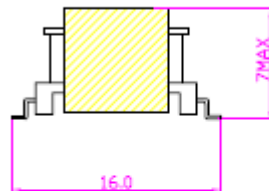
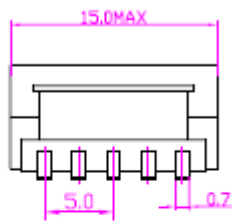


# TER14.5 Surface Mount Transformer Specification

## Electrical Specification:

Item	Test	N1	N2	N1
Pins		2-3	4-9	3-7
Wire Size		QA-1 ( $\Phi$ 0.07mm)		
Turns		175	350	175
Inductance	20°C	L1 (2-7) > 692.4mH, L2(4-9) > 692.4mH		
Leakage Inductance L(1-6)	100Khz, 100mVAC, 20°C, short (3-4)	30uH (max)		
Resistance	20°C	R1(2-7) = $45 \pm 3 \Omega$ , R2 (4-9) = $45 \pm 3 \Omega$		
Resistance Balance	20°C	$ R1 - R2  < 0.2\Omega$		
Operating Temperature		-40°C ~ + 125°C		
Temperature Dependency		< 1% / °C L > 280 mH @ -40°C, L < 1200 mH @ 120°C		
Self Resonant Frequency		35Khz (min)		
Insulation (Hi-Potential)	DC 250V	>100M $\Omega$ (Voltage applied between P2 – P9)		
Bobbin		ER14.5-10P		
Core		ER14.5		
RoHS		Yes		

## Dimensions (Unit: mm)



Top View

PCB Land Pattern