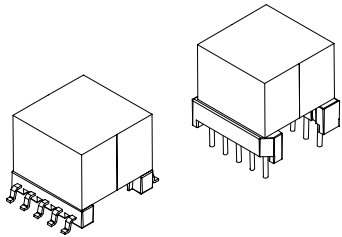


# SDSL Transformer



★ Designed to meet IR 235<sup>o</sup>C peak requirement  
For SMD Parts

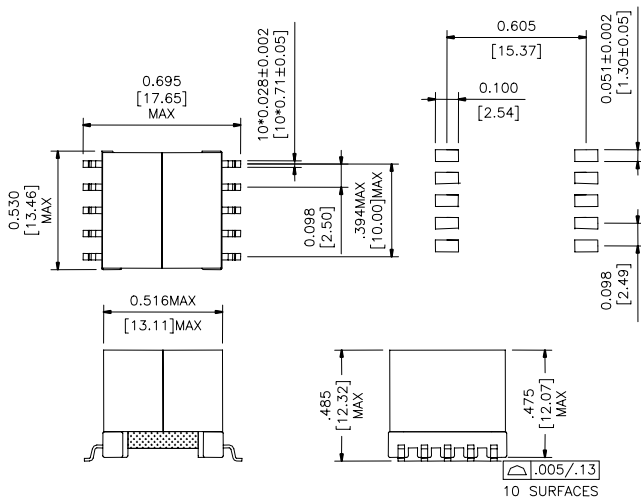
★ Excellent THT performance

★ Small EP13 Package in SMD and THT Type

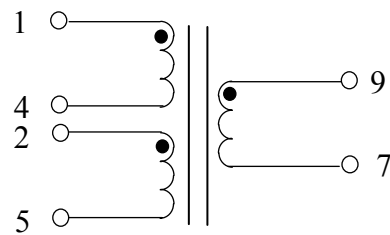
Specifications (Operating Temperature Range: -40°C to +85°C)					
Part Number	Application	Turn Ratio (2%) (1-5):(9-7)	OCL @ 10 KHz, 0.1 V (1-5), 2-4 shorted with 160mA	Leakage Inductance (1-5)@ 100 KHz, 0.1 V	Return Loss (@ 40-300 KHz)
DT0015	SDSL	3:1	2 mH(±6%)	17uH max	16 dB min
DT5015	SDSL	3:1	2 mH(±6%)	17uH max	16 dB min

Specifications continue					
Part Number	THD @20KHz, 4.5Vp-p	Longitudinal Balance @40K-300KHz	DCR (1-4) = (2-5)	DCR (9-7)	Isolation Voltage (Vrms)
DT0015	-80 dB max	50dB min	1.5 Ω ±10%	0.7 Ω ±10%	1500
DT5015	-80 dB max	50dB min	1.5 Ω ±10%	0.7 Ω ±10%	1500

## Dimension



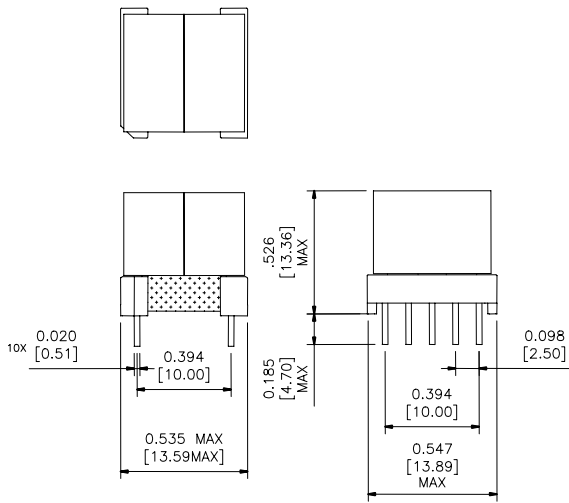
## Schematic



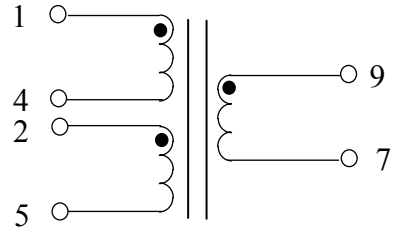
DT0015

Data sheet subject to change without notice

**Dimension**



**Schematic**



**DT5015**

Data sheet subject to change without notice