

Electrical Specifications at 25°C

PARAMETER		UNITS
Turns Ratio	1CT : 2.3CT ±3%	
Inductance	2.0±15%	mH
Longitudinal Balance 40 kHz	65 Typ.	dB
DCR (Pins 8-6)	2.0 Max.	Ω
DCR (Pins 1-2 or 4-3)	2.0 Max.	Ω
Leakage Inductance	30 Max.	μH
Interwinding Capacitance	55 Max.	pF
Isolation (HI-POT)	3000 Min.	V _{RMS}
Primary DC	100	mA
Return Loss @ 40kHz @ 320kHz	13 min. 12 min.	dB
THD @20kHz	-85	dB

All electrical specifications referenced to line side
Operating temperature range -40° C to +85°C.

T-1319G

HDSL2

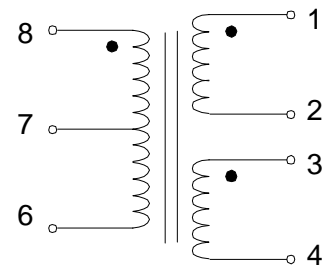
TRANSFORMER

Designed for HDSL2 applications

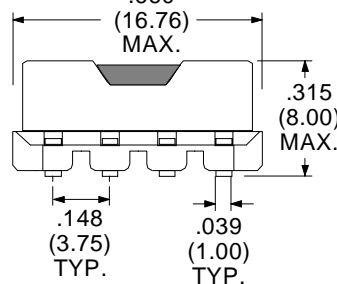
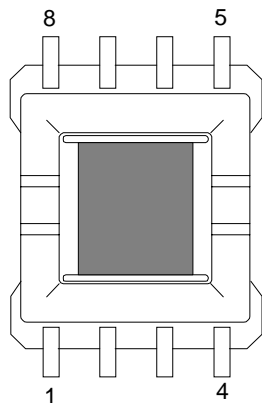
Compatible with Level One
SK70740/41/42

Low Profile "Touch Tone" design

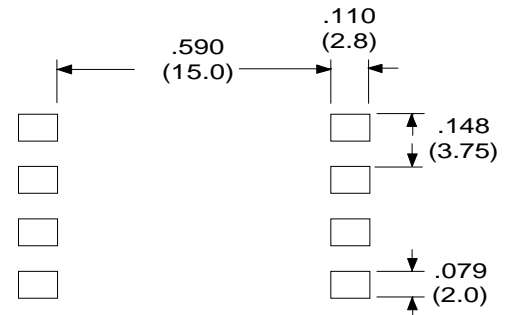
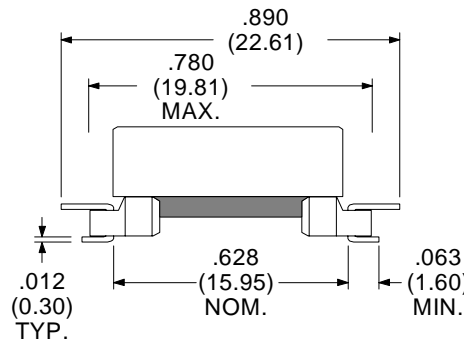
SCHEMATIC DIAGRAM



Chip Side Pins 8-6
Line Side Pins 1-2, 3-4



Physical Dimensions in inches (mm)



9/13/99