

T-1195

DDS Applications Pulse Transformers

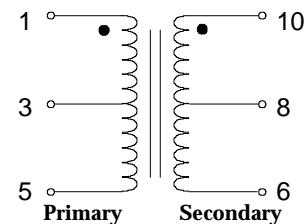
Designed to meet the requirements of Bellcore TR-NWT-000499, Synchronous Digital Data Interface-64 Kbps and Subrates

Compatible with Level One transceiver ICs

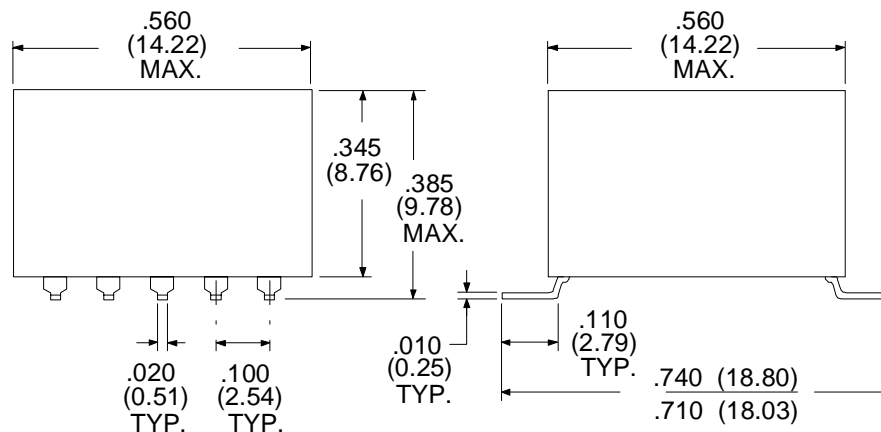
Recommended for use with Level One LXT441

PARAMETER		UNITS
Turns Ratio	1CT : 1CT \pm 1%	
Line Impedance	143	Ω
Inductance	1 kHz - 1V _{RMS} 40 Min	mH
Leakage Inductance	10 kHz - 0.5V _{RMS} 40 Max.	μ H
Primary DC Resistance	2.9 Typ.	Ω
Secondary DC Resistance	3.2 Typ.	Ω
Frequency Response	1.0 Max.	dB
	1 kHz - 200 kHz	
Insertion Loss @ 10kHz	0.5 Typ.	dB
Isolation (HI-POT)	1875	V _{RMS}
Primary DC	0	mA
Return Loss @ 1 kHz - 200 kHz	15 Typ.	dB
Longitudinal Balance	200 - 1000 Hz 40 Typ.	dB
	15 kHz 35 Typ.	dB
Interwinding Capacitance	65 Max.	pF
	10 kHz - 1 V _{RMS}	

SCHEMATIC DIAGRAM:



Physical Dimensions in inches (mm)



2/18/99