

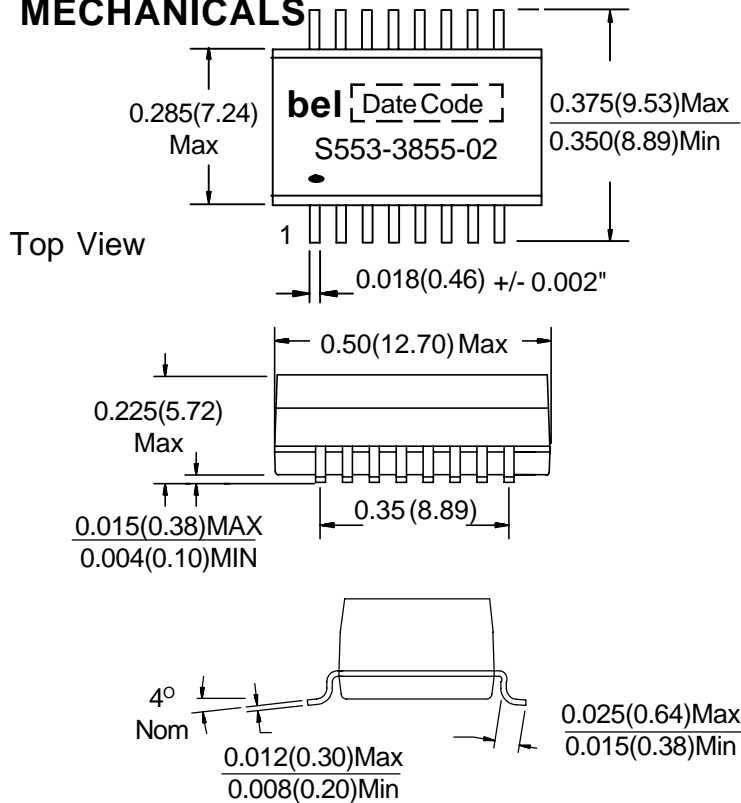
## T1/CEPT/ISDN-PRI TRANSFORMER S553-3855-02

TM0009

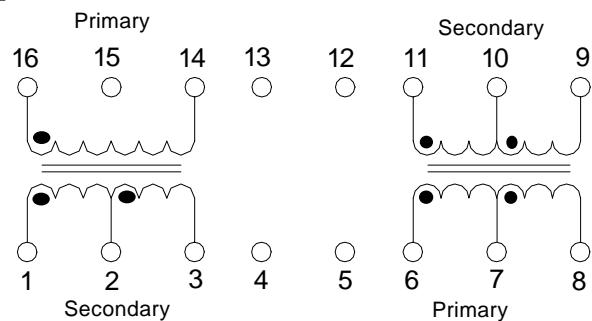
Bel introduces a new "pick and place" compatible, small footprint, surface mount impedance matching transformer for ISDN-PRI/T1/CEPT applications.

- \* Pick and Place Compatible.
- \* Small form factor to maximize board space.

### MECHANICALS



### SCHEMATIC



Dimensions in inches (mm)  
Dimension tolerance +/- 0.01(0.25)  
unless otherwise stated

### ELECTRICALS @ 25° C

Part Number	Turns Ratio		Primary Inductance OCL (mH) Min	Leakage Inductance L <sub>L</sub> (mH) Max		Interwinding Capacitance C <sub>ww</sub> (pF) Max	DC Resistance DCR Pri (ohm) Max	DC Resistance DCR Sec (ohm) Max		Hipot (Vrms) Min
	Pins (16-14):(1-3)	Pins (6-8):(11-9)		Pins (16-14)*	Pins (6-8)**			Pins (1-3)	Pins (11-9)	
S553-3855-02	1:1.15CT	1CT:2CT	1.20	0.6	0.8	30	0.70	0.70	1.00	1500

\* Leakage Inductance is measured with Pins (1-3) shorted.  
\*\* Leakage Inductance is measured with Pins (11-9) shorted.

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