

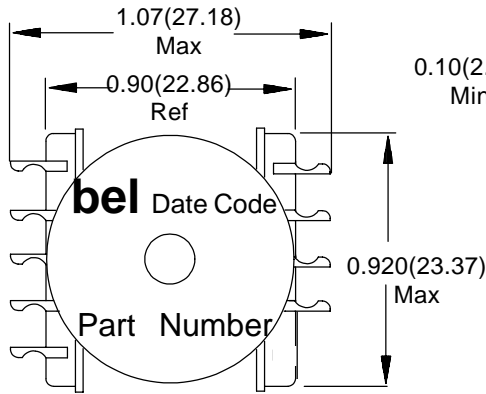
**ISDN "U" INTERFACE TRANSFORMERS**  
**0559-6204-00 and 0559-6204-01**

TM0035

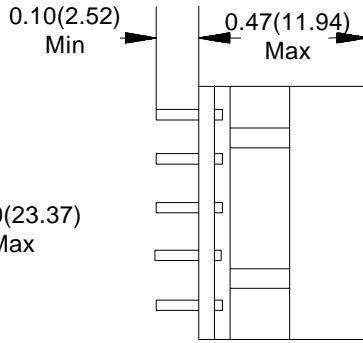
Bel introduces a new ISDN "U" Interface transformer. The transformer is designed to be used with the Motorola ISDN "U" Interface Chip MC145572.

**MECHANICALS**

- \* Dielectric Strength - 1500 Vrms measured Primary to Secondary. Meets or exceeds requirements of CAN/CSA-C22.2 No.225(M90) & UL Std. No. 1950 2nd ed.
- \* Part Number 0559-6204-00 varies only in its additional insulation.

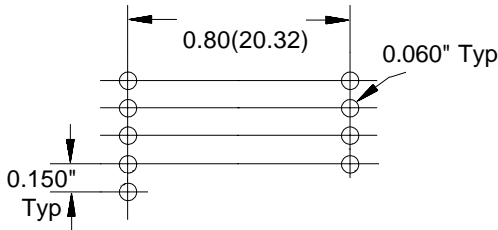
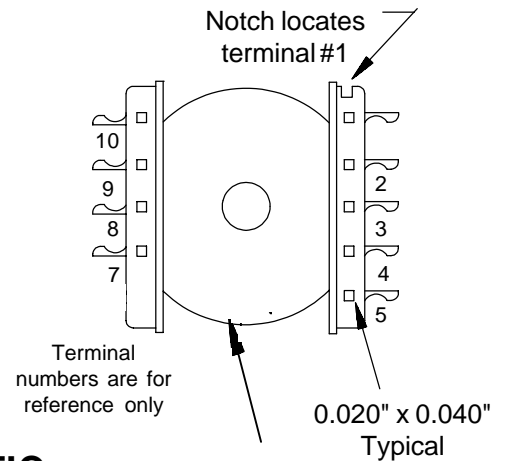


True Postion Grid  
(P.C. Pattern, Component Side)

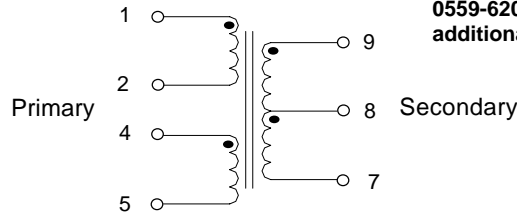


Dimensions in inches (mm)  
Dimension tolerance +/- 0.015(0.25)  
unless otherwise stated

**PLACEMENT**



**SCHEMATIC**



NOTE: For Part Number 0559-6204-00 only, there is additional insulation here.

**ELECTRICALS @ 25° C.**

Part Number	Turns Ratio (+/- 1%)	Primary Inductance (mH) Min-Max	Leakage Inductance (µH) Max	Interwinding Capacitance (pF) Typ	DCR (Ω) Max		DC in Primary (mA) Max
	Primary to Secondary	Pins (1-5) tie Pins (2-4)	Pins (7-9) Pins (1,2,4,+5) Shorted	Primary to Secondary	Pins (1-5)	Pins (7-9)	
0559-6204-00 0559-6204-01	1.25:1	26.5-30.0	28.0	150	8	12	60

Primary Inductance is measured at 100mV @ 1kHz, 0 & 60mADC. Leakage Inductance is measured at 100kHz, 0.01VAC. Interwinding Capacitance is measured 10kHz, 1.0V.

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