

YUAN DEAN SCIENTIFIC

## FEATURES:

- Meet IEEE 802.3 and ANSI X3.263 standards including 350 uH OCL with 8mA Bias



LAN Filters

96F SERIES

100/1000 Base-T

Quad Port

96PIN DIP



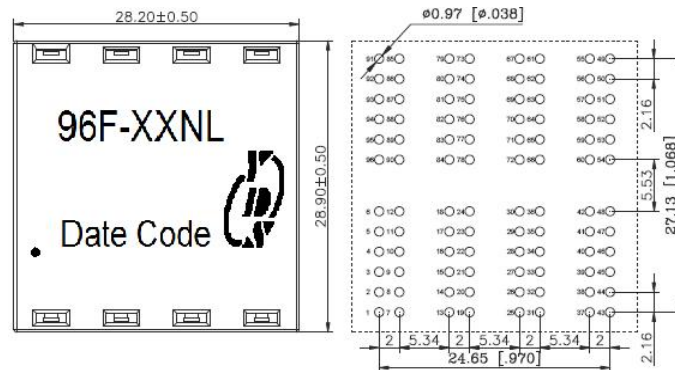
**ELECTRICAL SPECIFICATIONS@25°C**  
**Operating temperature 0°C TO 70°C**

Part Number	Turns Ratio (±5%)	LK (uH MAX)	Cw/w (pF MAX)	D.C.R (ΩMAX)	Insertion Loss (dB MAX)	Return Loss (dB MIN)					Crosstalk (dB MIN)	Hipot Vrms MIN
	TX	100KHz/0.2V	100KHz/0.2V	-----	1-100 MHz	1-30 MHz	40 MHz	50 MHz	60-80 MHz	80-100 MHz	1-100 MHz	
96F-01NL	1CT:1CT	0.5	35	1.4	-1.0	-18	-14.4	-13.1	-12	-10	-30	1500

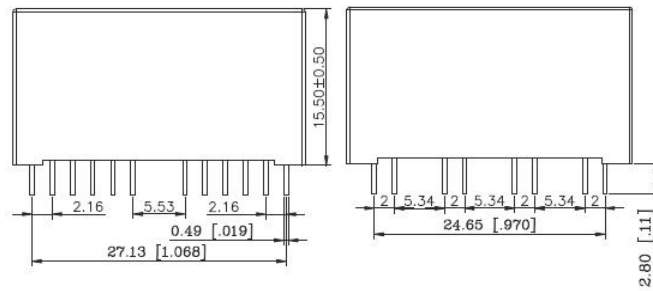


Mechanicals and Dimensions

DIP

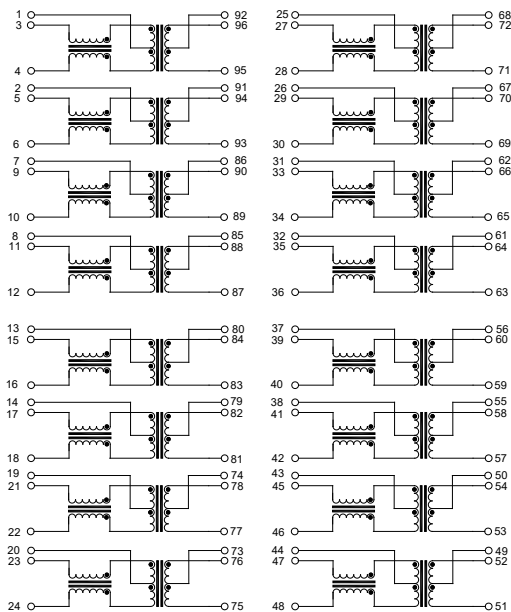


SUGGESTED PCB LAYOUT



Schematics

96F-01



96F-02

