

# Isolation Transformer For Ethernet

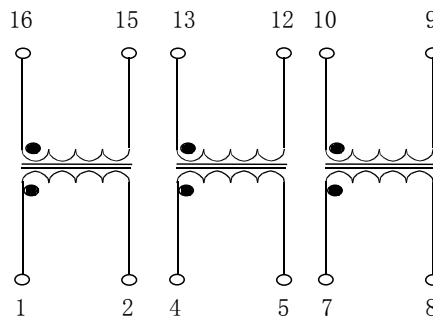
## Features:

- AUI Transformers
- Low leakage inductance and coupling capacitance for faster rise times
- Small form factor, 50 mil lead spacing
- Through hole, auto-insertable
- Isolation Voltage: 2000Vrms

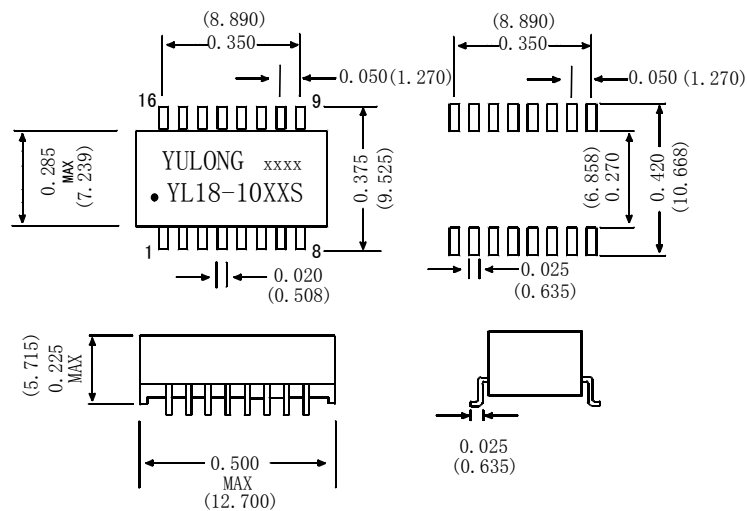
## Electrical Specifications @ 25°C

Part Number	Turns Ratio	Primary Pins	Primary Sine Wave OCL (uH +/-20%)	Primary ET-Constant (V-us min)	Rise Time (ns MAX)	Cww (pF max)	Leakage Inducance LL(uH max)	DCR (MAX) Ω
YL18-1010S	1:1	1-2/4-5/7-8	75	2.4	3.0	10	0.20	0.2
YL18-1012S	1:1	1-2/4-5/7-8	100	2.4	3.0	10	0.20	0.3
YL18-1014S	1:1	1-2/4-5/7-8	350	2.5	3.5	16	0.35	0.35
YL18-1016S	1:1	1-2/4-5/7-8	40(MIN)	2.1	3.0	8	0.20	0.25
YL18-1018S	1:1	1-2/4-5/7-8	75	1.8	3.0	8	0.20	0.3
YL18-1020S	1:1	1-2/4-5/7-8	150	1.2	3.0	12	0.20	0.3
YL18-1022S	1:1	1-2/4-5/7-8	100	1.8	3.0	9	0.20	0.20

## Schematics



## Mechanicals



**NOTE: Dimensions: inches/(mm) unless otherwise specified all tolerances are ±0.010(0.25)**