

10/100 BASE-T Single port Magnetics

Features:

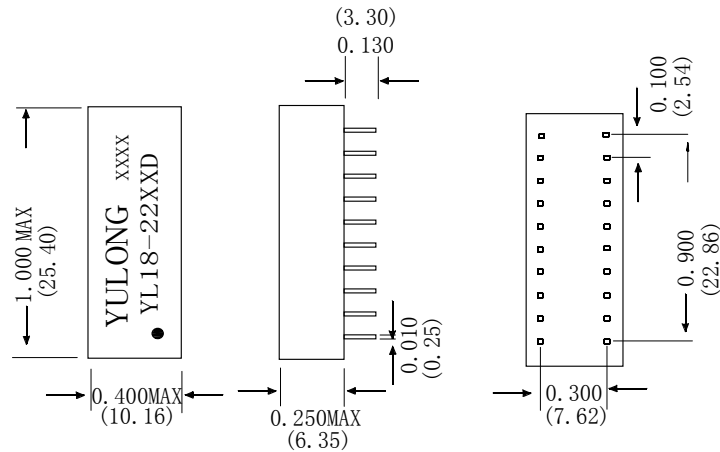
- Isolation Modules are Available for Most LAN IC Manufacture's Products
- Meet The Isolation, Insertion Loss and Return Loss Requirements of IEEE802.3
- Operating temperature 0°C to 70°C

Electrical Specifications @ 25°C

Part Number	Turns Ratio		Insertion Loss (dB max)	Return Loss (dB min)			CMRR (dB TYP)	Crosstalk (dB min)
	TX	RX		0.1-100MHz	1-30MHz	30-60MHz		
YL18-2212D	1CT:1CT	1CT:1CT	-1.15	-18	-14	-12	-40	-38

Part Number	Isolation Voltage (Vrms)	Leakage Inductance (uH MAX)	OCL (uH MIN)		Cw/w (pF)	DCR (MAX)	Isolation Resistance M
			1MHz	100KHz			
YL18-2212D	1500	0.4		350	35	0.9	10000

Mechanicals



NOTE: Dimensions: inches/(mm) unless otherwise specified all tolerances are $\pm 0.010(0.25)$

Schematics

