

# 10/100 BASE-T Magnetics Modules

**Features :**

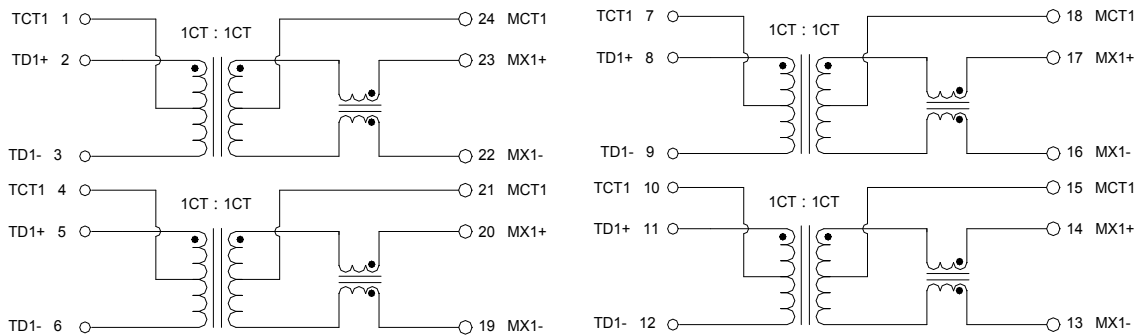
- 1 ) Designed for long haul Gigabit Ethernet ( 10/100BASE-T ) full duplex applications .
- 2 ) Supports 4 pairs of category 5 UTP cable .
- 3 ) Cable interface for isolation and low common mode emissions .
- 4 ) Compliant with IEEE 802.3ab standard for 10/100 Base-T.

## FW-72022SA

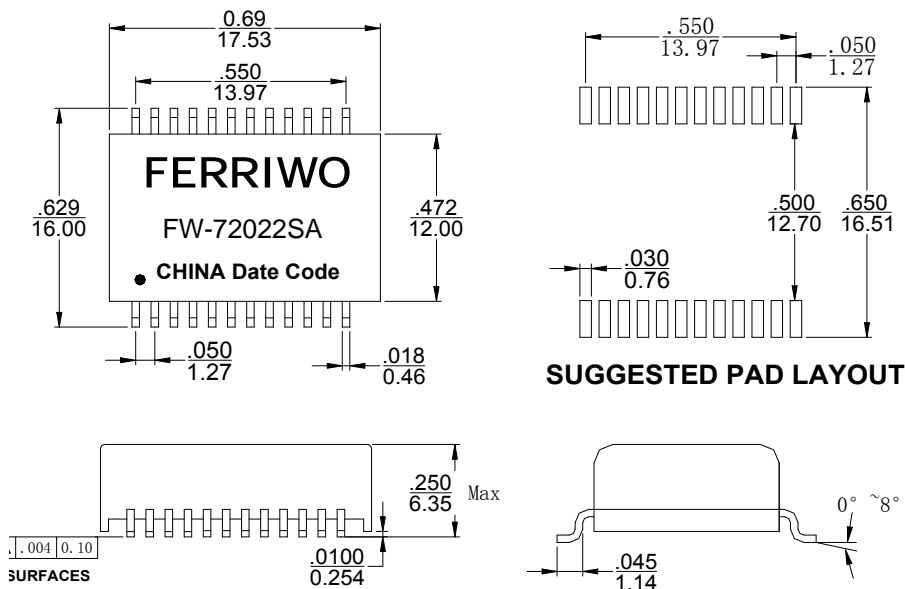
**A ) Electrical Specifications @ 25°C --- Operating temperature 0°C To 70°C .**

Insertion Loss (dB Max)	Insertion Loss (dB Max)	Return Loss (dB Min. @ 100 ohm)				Differential to Common Mode Rejection (dB Min.)	Crosstalk (dB Min.)			Hi-Pot (Pri : Sec)
		1-30MHz	60MHz	80MHz	100MHz		1-100MHz	30MHz	60MHz	
1~100MHz	100~125MHz	1-30MHz	60MHz	80MHz	100MHz	1-100MHz	30MHz	60MHz	100MHz	0.5mA,1Min
-1.0	-1.2	-18	-14	-12	-10	-30	-42	-37	-33	1500V

**B ) Schematics**



**C ) Mechanical Dimensions ( Unit: inches / mm )**



Unless otherwise specified, all tolerances are ±.010 / 0.25