

# 1000 BASE-T MAGNETICS MODULES

## MODEL NO.:TG24122S1

**FEATURE:**

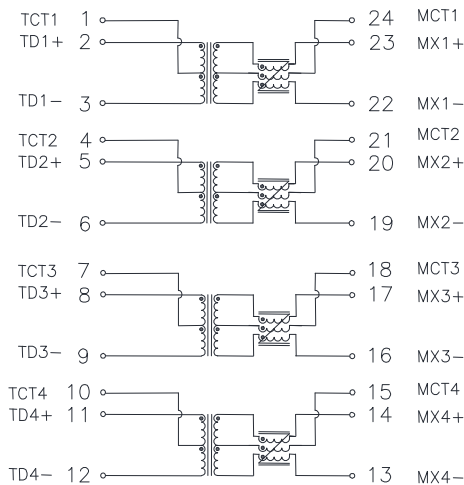
RoHS Compliant  
RoHS peak solder rating 260°C/3~5 Sec  
Designed to meet IEEE802.3ab requirement  
Designed to meet IR requirement  
Operating Temperature: -40°C to +85°C

**SPECIFICATIONS: @ 25°C**

OCL : 350 uH Min @100kHz ,100mv with 8mA DC Bias  
Cw/w:15 pF Max  
DCR(Q Max):0.9

Turns Ratio ( ±5% )	Insertion Loss (MHz dB MAX )	Return Loss ( MHz dB MIN )					Differential Common Mode Rejection ( ( MHz dB MIN )			Cross Talk ( MHz dB MIN )		HIPOT (VAC)
		1~30	40	50	60~80	100	30	60	60~100	1~60	60~100	
TX / RX	0.1~100	1~30	40	50	60~80	100	30	60	60~100	1~60	60~100	1500
1CT:1CT	-1.1	-18	-14.4	-13.1	-12	-10	-42	-36	-33	-40	-38	

**SCHEMATICS :**



**DIMENSION: mm**

