

## 1000 BASE-T Magnetics Modules

### MODEL NO.: TG24107S1

**FEATURE:**

RoHS Compliant

Designed to meet IR requirement

Meet IEEE802.3at with 720 mA current capability

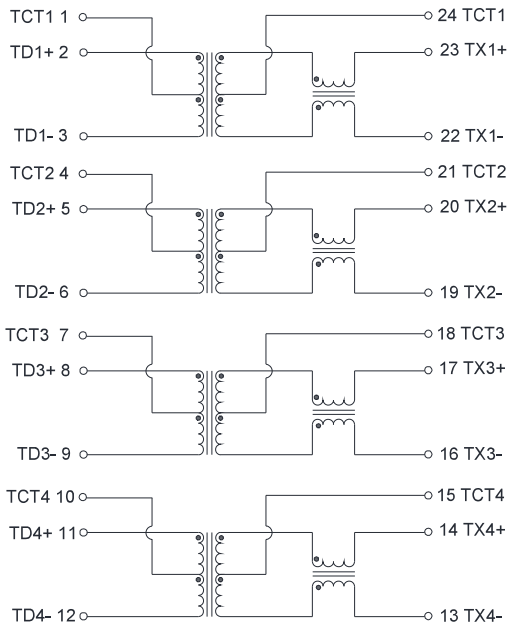
**SPECIFICATIONS: @ 25°C**

Operating Temperature. : -40°C~85°C

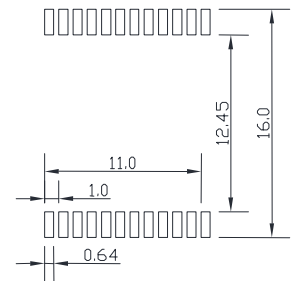
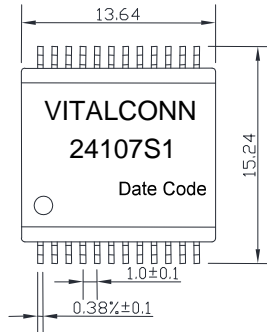
OCL : 350 uH Min @100kHz ,100mv / with 8mA DC Bias

Turns Ratio (±3%)	Insertion Loss MHz (dB MAX)	Cross Talk MHz (dB MIN)			Return Loss MHz (dB MIN)					DCMR MHz (dB MIN)			HIPOT (VAC)
		30	60	100	1~40	50	60	80	100	1-30	60	100	
TX/RX	1~100	30	60	100	1~40	50	60	80	100	1-30	60	100	5000
1CT:1CT	-1.0	-45	-40	-35	-16	-14.08	-12.5	-10	-8.07	-43	-37	-33	

**SCHEMATICS:**



**DIMENSION: mm ; TOLERANCE:±0.25**



SUGGESTED LAND PATTERN

