

# 5 G BASE-T ETHERNET ISOLATION TRANSFORMER NO: S24102M



## Feature:

Meets IEEE 802.3 standards

Comply with RoHS & Halogen Free requirements.□

Operating temperature range: 0°C to + 70°C.

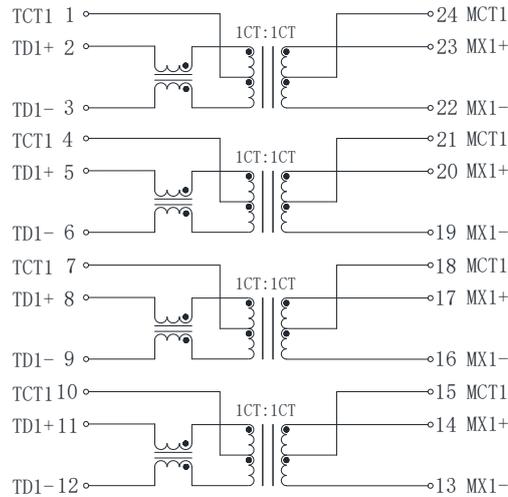
Storage temperature range: 0°C to + 125°C.



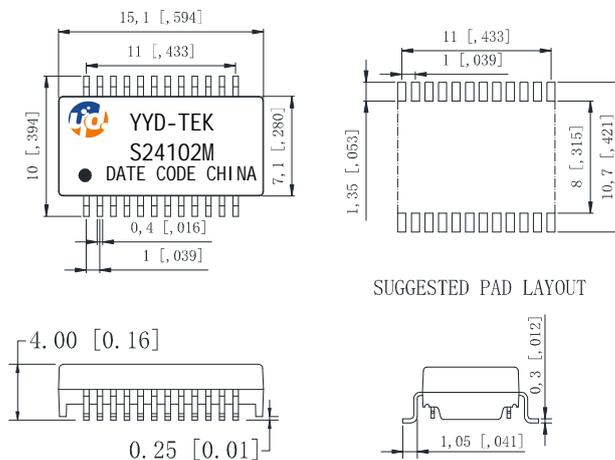
## Electrical Specifications@25°C

Turn Ratio (±3%)	OCL (uH Min) @100KHz/0.1V with 0mA DC Bias	LL(uHMax) @ 100KHz/0.1V	DCR(ΩMax)		C w/w(pF Max) @100KHz/0.1V	Cross talk dB Min MHz	HI-POT (Vrms)	
TX/TR	180uH min.	0.5	1.2		28	1-250	1500	
1CT:1CT						-30		
Insertion Loss(dB.max)		Return Loss(dB.min)					CMR(dB.mim)	
MHz		MHz					MHz	
1-100	100-150	150-250	1-40	100	150	200	250	1-250
-1.0	-1.5	-2	-18	-15	-12.5	-11	-10	-30

## Schematic:



## Mechanical:



Units:mm[Inches] Tolerances:xx.x0±0.25[0.010]

0.xx±0.05[0.002]