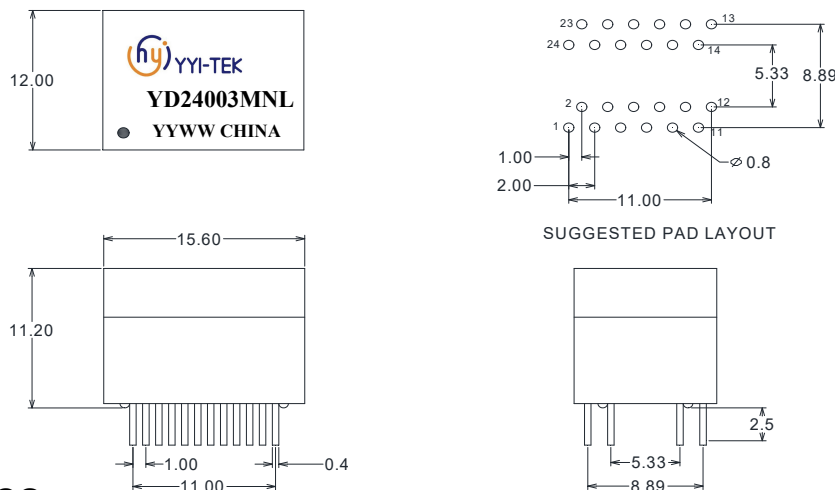


- Meets IEEE 802.3 and ANSI X3.263 standards
- Suitable For End-span PoE Applications
- RoHS Compliant, PASS surge 7KV (differential mode)
- 2.5/5G Base-T, Surface Mount Type, Open Header
- Operating temperature range: -40°C to +85°C
- Storage temperature range: -40°C to +85°C

Electrical Specifications @25°C		
PARAMETER	SPECIFICATIONS	
OPERATING	-40 TO 85 °C.	
URNS RATIO	1.00±2%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	100KHz	1-300MHz
	-3.0dB MAX	-1.5dB MAX
RETURN LOSS (Z OUT=100 OHM±1%)	1-100 MHz	100MHz-300 MHz
	-18dB Min	-10dB Min
INDUCTANCE(OCL)	180uH Min @ 100KHz	
CROSSTALK, ADJACENT CHANNELS	1-100MHz	100-300 MHz
	-40dB Min	-30 dB Min
COMMON MODE REJECTION RATIO	1-100MHz	100-300MHz
	-35dB Min	-30dB Min
DIFFERENTIAL MODE REJECTION (CDMR)	1-125MHz	125-300MHz
	-35dB Min	-30dB Min
ISOLATION	1500 VRMS MIN @ 60 SECONDS	

MECHANICAL



SCHEMATICS

Unless otherwise specified all tolerances are: ±0.25 in mm

