

100/1000BASE-TX TRANSFORMER MODULES

P/N: YKG-11240NL



INGKE
TECHNOLOGY CO. LTD

Features:

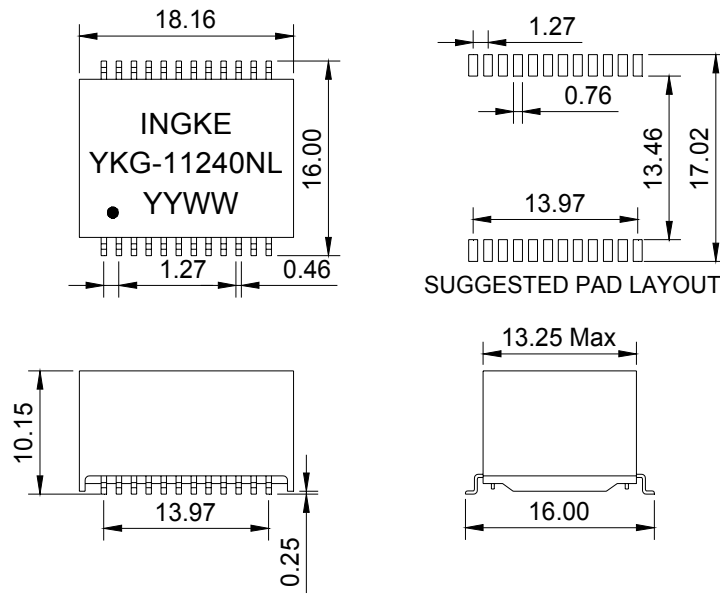
- Compliant with IEEE802.3at standard for 1000 BASE-T
- Suitable for End-span POE applications with 1.2A current capability.
- Storage temperature range: -40~+85°C,90%RH
- RoHS compliant

Specifications

Electrical Specification@25°C Operating Temperature -40 to +85°C							
Part NO	Trun Ratio (±3%)		OCL primary@ 100KHz,0.1Vrms,25mA	Leakage primary@ 100KHz,0.1Vrms	Cww (Pri.:Sec.)	DCR (Ω)	
	TX	RX				Primary	Secondary
YKG-11240NL	1CT:1CT	1CT:1CT	350uH Min	0.65uH max	35pF Max	0.9 Max	1.5 Max

Electrical Specification@25°C Operating Temperature -40 to +85°C									
Part NO	Insertion loss (dB max) 1-100MHz	Return loss(dB min) MHz				DMRR (dB min .) MHz		Crosstalk (dB min .) MHz	Isolation Voltage (Vrms min)
		1-30	40	50	60-100	1-60	60-100		
YKG-11240NL	-1.5	-18	-16	-16	-10	-35	-30	-33	1500

Dimension Unless otherwise specified, all tolerances are ±0.25mm



Schematic

