

FEATURES:

- Designed for long haul Gigabit Ethernet 2.5G Base-T, full duplex applications
- Supports 4 pairs of category 5 UTP cable
- Cable interface for isolation and low common mode emissions
- Compliant with IEEE 802.3an standard
- Recognized By UL 60950-1

YUAN DEAN SCIENTIFIC



LAN Filters

2.5G SERIES

2.5G Base-T

24PIN SMD



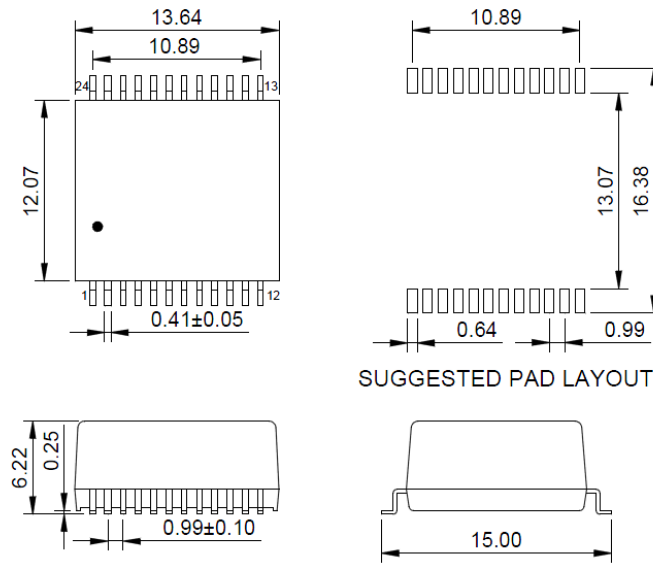
ELECTRICAL SPECIFICATIONS@25°C  
Operating temperature 0°C TO 70°C

Part Number	Insertion Loss (dB max)		Return Loss (dB min @100 Ω)		Common to Differential Mode Rejection (dB TYP)	Crosstalk (dB TYP)	Common to Mode Rejection (dB TYP)	Hipot (V <sub>rms</sub> min)
	1-50 MHz	50-125 MHz	1-40 MHz	40-200 MHz	10-125 MHz	1-125 MHz	30-200 MHz	
30FB-13NL	-0.5	-1.0	-20	-20+15log(f/40MHz)	-45+f/35	-39	-30	1500



Mechanicals and Dimensions

30FB(Bottom Potting)



UNIT:mm Unless otherwise specified, all tolerances are ±0.25

Schematics

30FB-13NL

