

10/100 Base TX dual port Transformer
Designed for NS83223/ICS1891
Model no. PH406001

YCL

Feature:

Designed to meet IEEE802.3u Requirement.

Designed to meet IR 235 degree C Peak Requirement.

Specifications: At 25 degree C.

1. Primary inductance (L_p): 350 μ H min. @ 100Khz/100mV,8mAVdc bais.
2. Leakage inductance(L_L): 0.4 μ H max.
3. DCR: 0.9 Ω max.
4. C_{ww}: 15pF typical.
5. Rise time: 2.5ns max.
6. Insertion loss(1-125Mhz): -1.1dB max.

7. Return Loss:

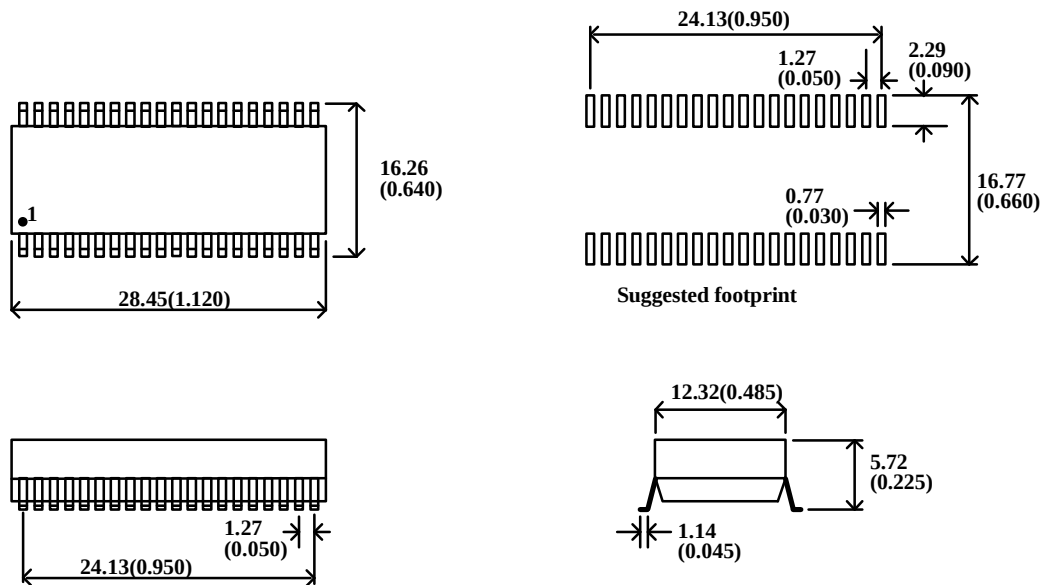
0.5-30	40	50	60-80	Mhz
-18	-15.5	-13.6	-12	dB min

8. Cross-talk(0.1-100Mhz): -38dB min.
9. CMRR: -40dB typical.
10. Isolation: 1,500Vrms.
11. Turn Ratio: TX: 1CT:1CT/RX: 1CT:1CT

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Dimension: mm(inch) +/-0.25(0.010)



Schematics:

