

10/100 Base TX dual port Transformer For QSI6611 Repeater Chip Sets.

YCL

Model no. PH406008

Feature:

Designed to meet IEEE802.3u requirements.

Designed to meet IR 235 Degree C peak Requirement.

Specifications: At 25 degree C.

1. Primary inductance(L_p): 350 μ H min. @100Mhz/100mV, 8mAdc bias.
2. Leakage inductance(L_L): 0.4 μ H max.@100Mhz/100mV.
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=1.41CT:1CT/RX= 1CT:1CT

Prepared: Dennis Hsieh

Approved: Jess Kuo

Date: May 09, 1997.

Drawing no.: PH406008

REV: 0

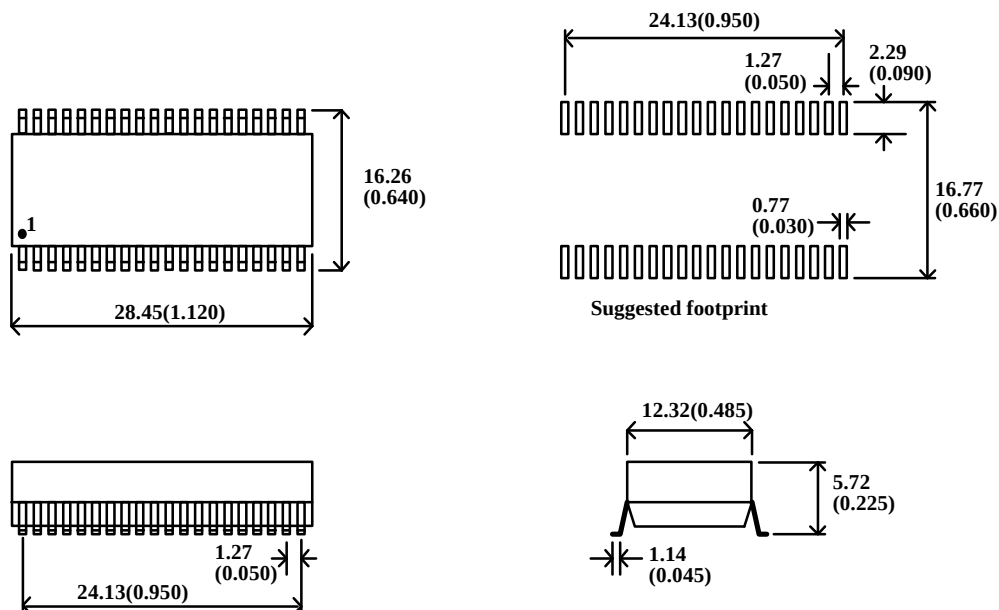
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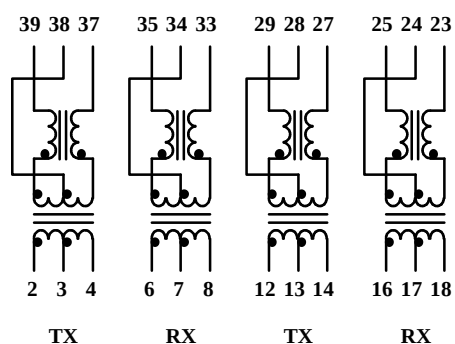
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Dimension: mm(inch) +/-0.25(0.010)



Schematics:



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