

10/100 Base TX QUAD Transformers
For General Repeater Chip Sets.
Model no. PH406061

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.
2. Leakage inductance(LL): 0.4 μ H max. @ 100Khz/100mV.
3. DCR: 0.9 ohms 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: 1,500V_{rms}.
11. Turn Ratio: TX: 1.414CT:1CT/RX: 1:1

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REV: 0

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