

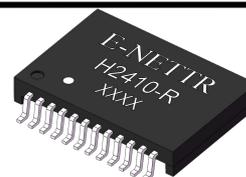


**E-NETTR**

**10/100/1000 BASE-T Transformer Module**

**P/N: H2410-R**

- \* Designed to meet IEEE802.3ab requirement
- \* Lead-Free & Designed to meet RoHS requirement
- \* Designed to meet IR 255°C peak Requirement.
- \* Operating temperature range: 0°C to +70°C
- \* Storage temperature range: 0°C to +70°C



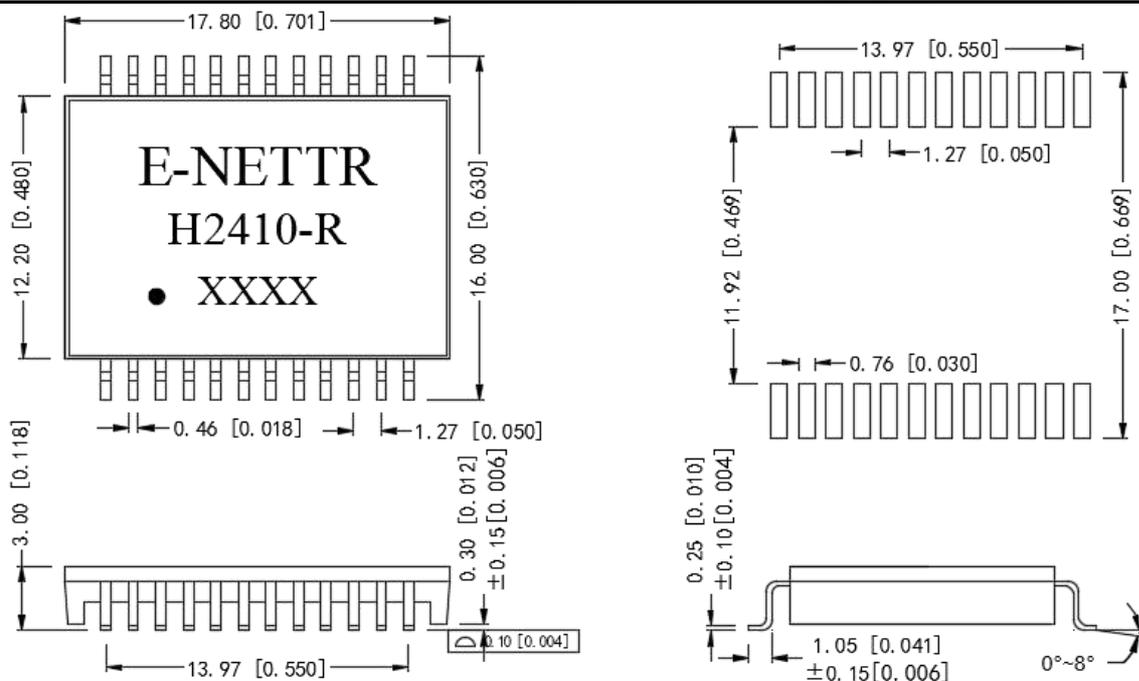
**Electrical Specifications@25°C**

| Part Number | Turn Ratio (±3%) | OCL(uH Min) @ 100KHz/0.1V with 8mA DC Bias | L.L (uH Max) | C <sub>w/w</sub> (pF Max) | DCR (Ω Max) | Hi-Pot (Vrms MIN) |
|-------------|------------------|--|--------------|---------------------------|-------------|-------------------|
| H2410-R     | 1CT:1CT          | 350  | 0.5          | 28                        | 1.4         | AC 1500 / 1mA     |

**Continue**

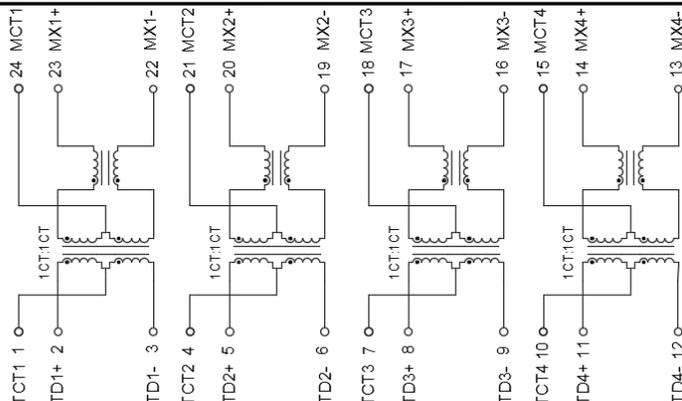
| Part Number | Insertion Loss 0.3~100MHZ (dB Max) | Return Loss (dB Min) |       |          |        | Cross Talk (dB Min) |           | DCMR (dB Min) |       |        |
|-------------|------------------------------------|----------------------|-------|----------|--------|---------------------|-----------|---------------|-------|--------|
|             |                                    | 0.3-30MHz            | 40MHz | 60-80MHz | 100MHz | 0.3-60MHz           | 60-100MHz | 0.3-30MHz     | 60MHz | 100MHz |
| H2410-R     | -1.1                               | -16                  | -14.4 | -12      | -10    | -42                 | -35       | -40           | -35   | -30    |

**Mechanical**



Unless:mm[inch] Tolerances: xx.xo± 0.25[0.010]  
o.xx± 0.05[0.002]

**Schematic**



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