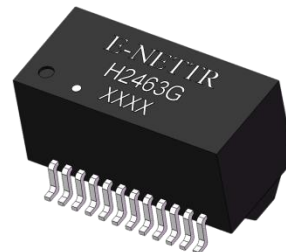




# E-NETTR 100/1000 Base-T Transformer Module

P/N: H2463G

- \* Designed to meet IEEE802.3at requirement
- \* Lead-Free & Designed to meet RoHS requirement
- \* Designed to meet IR 255°C peak Requirement.
- \* Primary inductance 350μH min. with 8mA DC Bias
- \* POE applications with 720mA current capability
- \* Operating temperature range: 0°C to +70°C
- \* Storage temperature range: -40°C to +85°C



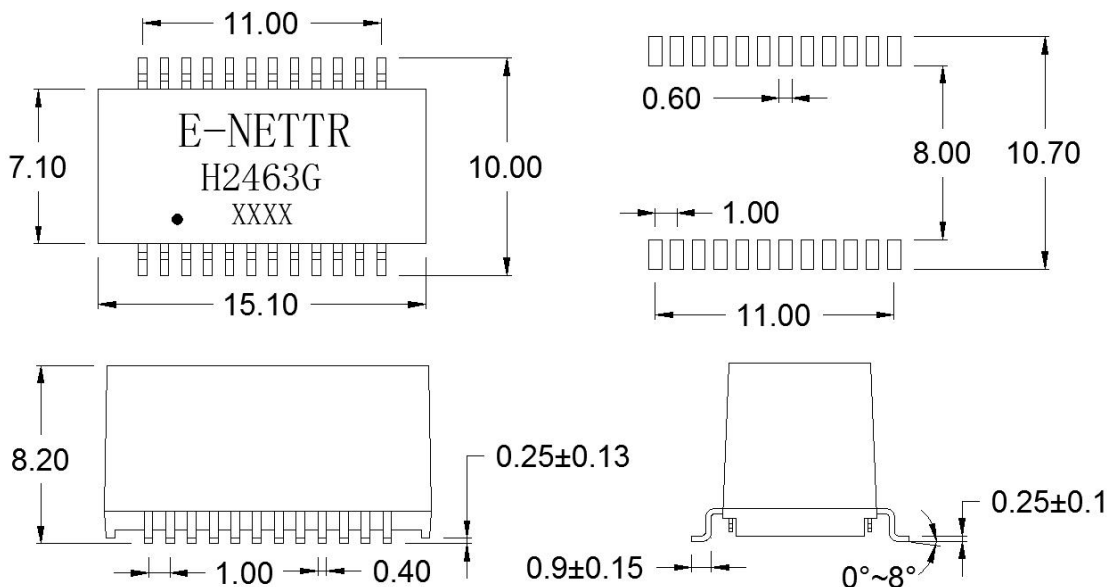
## Electrical Specifications@25° C

| Part Number | Turn Ratio | OCL(uH Min)<br>@ 100KHz/0.1V<br>with 8mA DC Bias | L.L.<br>(uH Max) | C <sub>w/w</sub><br>(pF Max) | DCR<br>(Ω Max) | Hi-Pot<br>(Vrms MIN) |
|-------------|------------|--------------------------------------------------|------------------|------------------------------|----------------|----------------------|
| H2463G      | 1CT:1CT    | 350                                              | 0.5              | 28                           | 1.1            | AC 1500 1mA          |

## Continue

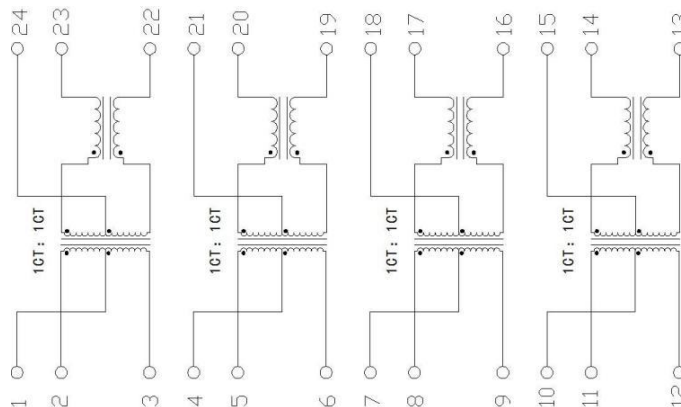
| Part Number | Insertion Loss<br>0.3~100MHZ<br>(dB Max) | Return Loss<br>(dB Min) |       |       |       |        | Cross Talk<br>(dB Min) |       |        | DCMR<br>(dB Min) |       |        |
|-------------|------------------------------------------|-------------------------|-------|-------|-------|--------|------------------------|-------|--------|------------------|-------|--------|
|             |                                          | 0.3-30MH                | 40MHz | 50MHz | 80MHz | 100MHz | 30MHz                  | 60MHz | 100MHz | 30MHz            | 60MHz | 100MHz |
| H2463G      | -1.1                                     | -18                     | -14.4 | -13.1 | -12   | -10    | -40                    | -35   | -30    | -40              | -35   | -30    |

## Mechanical



Unless otherwise specified tolerances: xx.xo ± 0.25mm  
o.xx ± 0.05mm

## Schematic



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