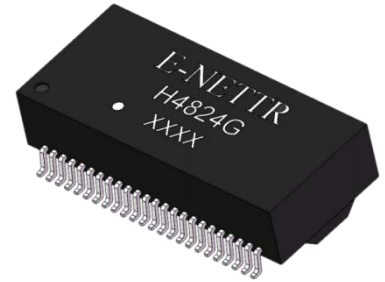




# E-NETTR 10/100/1000Base-T DUAL Port Transformer Module

P/N: H4824G

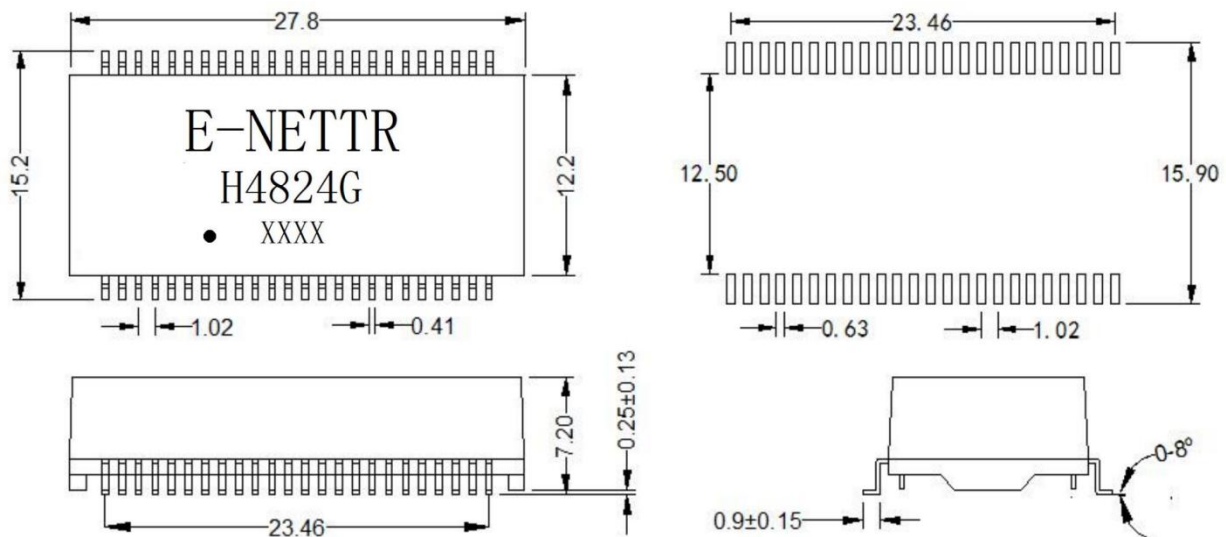
- \* Designed to meet IEEE802.3ab requirement
- \* Lead-Free & Designed to meet RoHS requirement
- \* Designed to meet IR255°C peak requirement
- \* Primary inductance 350uH Min with 8mA DC Bias
- \* Operating temperature range -40°C to +85°C
- \* Storage temperature range: -40°C to +85°C
- \* MSL=1



## Electrical Specifications@ 25 °C

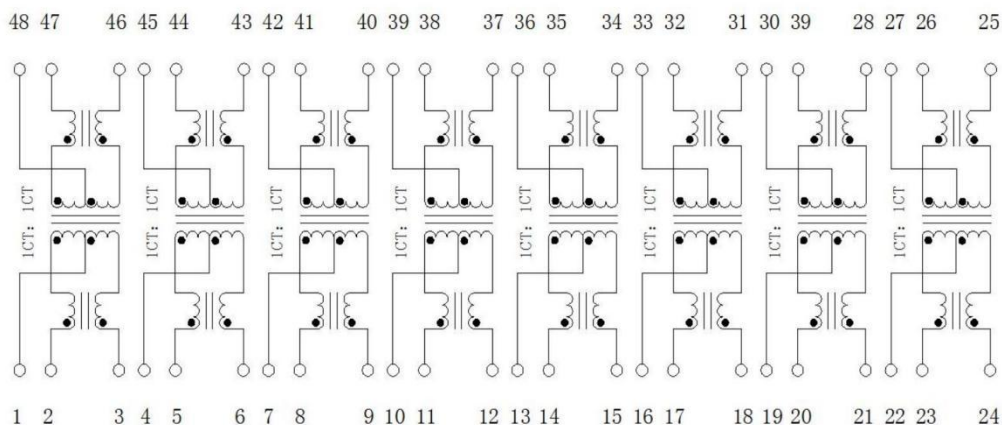
| Part Number | Turn Ratio | Insertion Loss<br>1~100MHz<br>(dB Max) | Return Loss (dB Min) |          |          |        | Cross Talk (dB Min) |       |        | DCMR (dB Min) |       |        | Hi-Pot<br>(Vrms MIN) |
|-------------|------------|----------------------------------------|----------------------|----------|----------|--------|---------------------|-------|--------|---------------|-------|--------|----------------------|
|             |            |                                        | 1-30MHz              | 40-60MHz | 60-80MHz | 100MHz | 30MHz               | 60MHz | 100MHz | 30MHz         | 60MHz | 100MHz |                      |
| H4824G      | 1CT:1CT    | -1.0                                   | -18                  | -13.1    | -12      | -10    | -35                 | -30   | -30    | -43           | -37   | -33    | 1500                 |

## Mechanical



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

## Schematics



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