

Ordering Code: EL2G-245422-BI

## 2.5G BASE SINGLE PORT TRANSFORMER

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- Compliant with IEEE 802.3 standard.
- IEEE 802.3bt complying performance, 720mA current capability.
- RoHS compliant.
- Operating temperature range:-40°C to +85°C.
- Storage temperature range:-40°C to +85°C.

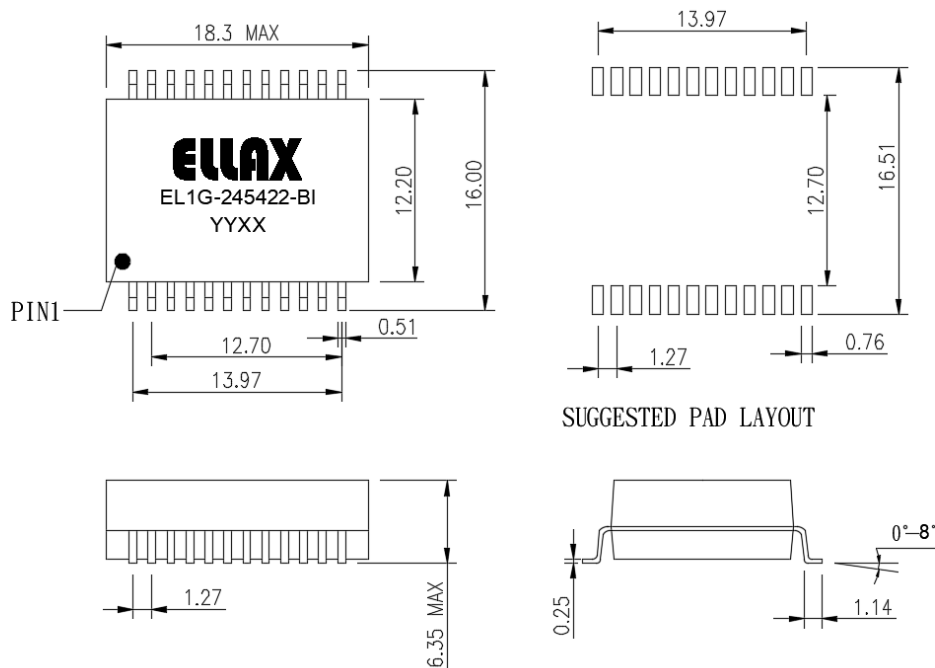
### Electrical Specifications @ 25°C

| Part Number    | Turns Ratio<br>(±2%) | OCL(μH Min)<br>@100KHz/0.1V | Insertion Loss<br>(dB Max) |               | DCMR<br>(dB Min) |                       | HI-POT<br>(Vrms) |
|----------------|----------------------|-----------------------------|----------------------------|---------------|------------------|-----------------------|------------------|
|                |                      |                             | 1-50<br>MHz                | 50-125<br>MHz | 1-30<br>MHz      | 30-125<br>MHz         |                  |
| EL2G-245422-BI | 1CT:1CT              | 180                         | -0.5                       | -1.0          | -48              | -(44-19.2LOG10(f/50)) | 1500             |

### Continue

| Part Number    | Return Loss<br>(dB Min) |                   | Cross Talk<br>(dB Min) | CMRR<br>(dB Min) |
|----------------|-------------------------|-------------------|------------------------|------------------|
|                | 1-40MHz                 | 40-125MHz         | 1MHz-125MHz            | 30-200MHz        |
| EL2G-245422-BI | -20                     | -20+15LOG10(f/40) | -30                    | -30              |

### Mechanicals:



Units:mm Tolerances XX.X0:±0.25mm  
0.XX:±0.05mm

Address: No.21,Lu.39,Sec.2,Chang'an Rd.,Lnzhu dist.,Taoyuan City 338,Taiwan(R.O.C.)

Tel : + 886-3-3228575 Fax : + 886-3-3226955

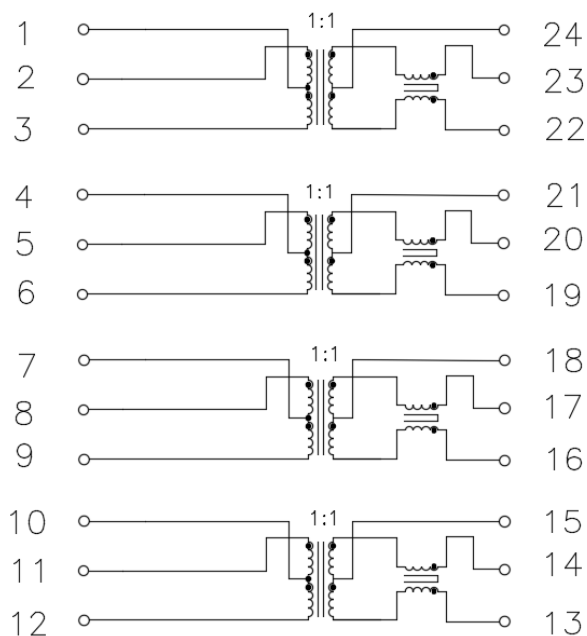
Http: www.ellax.com.tw E-mail: YL@ellax.com.tw

Part Number: EL2G-245422-BI

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**Schematics:**



**Package:**

-400pcs / reel

-2,400pcs / carton

