

Ordering Code: EL1G-360001-OS

## Giga BASE DIP TRANSFORMER

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- Compliant with IEEE 802.3 standard.
- IEEE 802.3ab complying performance for Giga Base-T.
- RoHS compliant
- Operating temperature range: 0°C to +70°C.
- Storage temperature range: 0°C to 85°C.

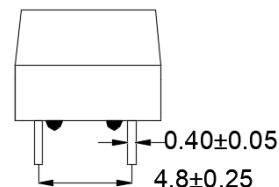
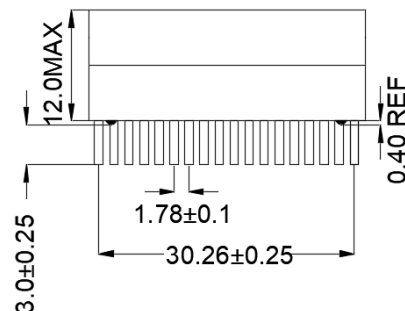
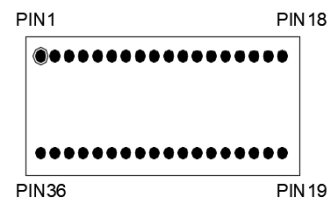
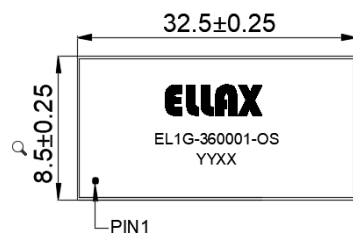
### Electrical Specifications @ 25°C

| Part Number    | Turns Ratio<br>(±2%) | OCL(μH Min)<br>@100KHz/0.1V<br>With 8mA DC BIAS | Insertion Loss<br>(dB Max) | CMRR<br>(dB Min) |       |               | HI-POT<br>(Vrms)<br><br>1mA |
|----------------|----------------------|-------------------------------------------------|----------------------------|------------------|-------|---------------|-----------------------------|
|                |                      |                                                 | 1MHz-100MHz                | 1-30<br>MHz      | 60MHz | 80-100<br>MHz |                             |
| EL1G-360001-OS | 1CT:1CT              | 350                                             | -1.1                       | -42              | -40   | -35           | 1500                        |

### Continue

| Part Number    | Return Loss<br>(dB Min) |       |       |       | Cross Talk<br>(dB Min) |           |               | DC Resistance<br>(ohms Max) |
|----------------|-------------------------|-------|-------|-------|------------------------|-----------|---------------|-----------------------------|
|                | 1-30MHz                 | 40MHz | 60MHz | 80MHz | 1-30<br>MHz            | 60<br>MHz | 80-100<br>MHz | 1.2 ohms Max.               |
| EL1G-360001-OS | -16                     | -14.4 | -12   | -10   | -42                    | -40       | -38           |                             |

### Mechanicals:



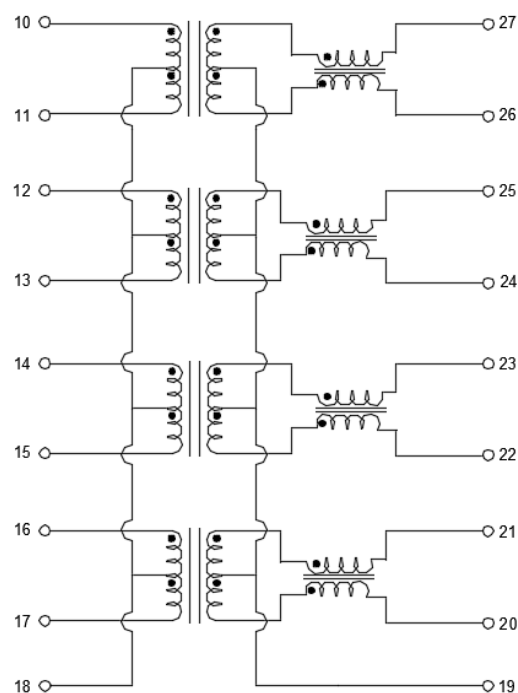
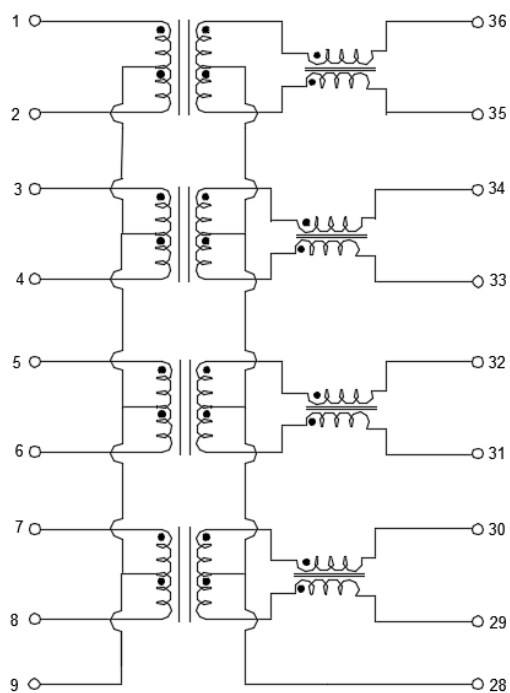
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**Schematics:**

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**Package:**

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- 15pcs/Tube
- 3,600pcs/Carton