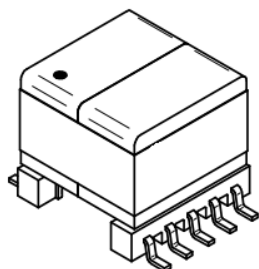


## PoE Power Transformer

Power over ethernet transformers

Model No: EP13001



Feature :

PoE power devises are for IEEE802.3 af, at and bt applications.

SMD Environmental: Designed to meet IR 260°C peak.

Primary Inductance (Lp): 127uH Min. N1 / 100KHz ,100mV.

Storage Temperature: -25°C to +125°C

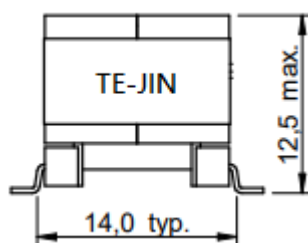
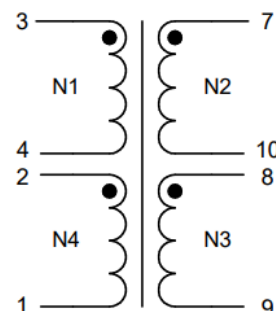
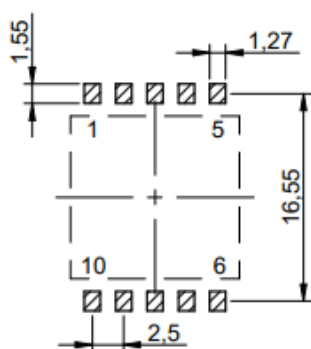
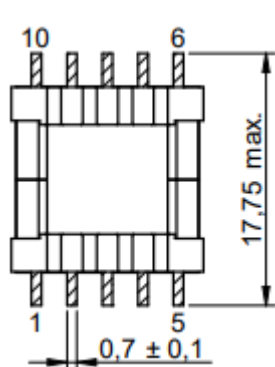
Isolation: 1500Vrms 1mA

### Electrical Specifications at 25°C — Operating Temperature Range: 0°C To +70°C

| Part Number | Transformer Turns ratio<br>±3% | Primary Inductance<br>Lp (uH) Min. | Saturation Current<br>Isat (A) Typ. | Leakage Inductance<br>Ls, N1 (uH) Max. | DCR<br>N1 / N2 / N3 / N4<br>mΩ Max. |
|-------------|--------------------------------|------------------------------------|-------------------------------------|----------------------------------------|-------------------------------------|
| EP13001     | 2:1:1:1                        | 127                                | 1.3                                 | 1.3                                    | 220 / 130 / 130 / 400               |

Dimension: mm

Schematics:



Data sheet subject to change without notice

Unless otherwise specified, all tolerance are  $\pm 0.25$ mm

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