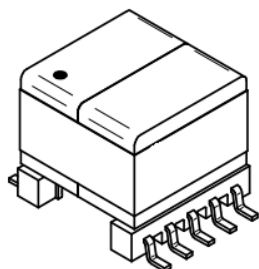


PoE Power Transformer

Power over ethernet transformers

Model No: EP13005



Feature :

PoE power devices 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

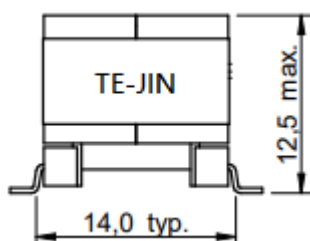
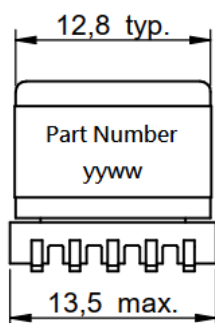
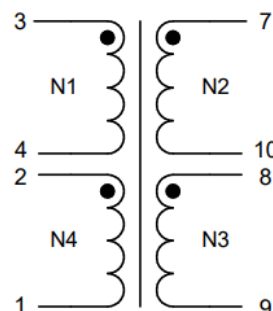
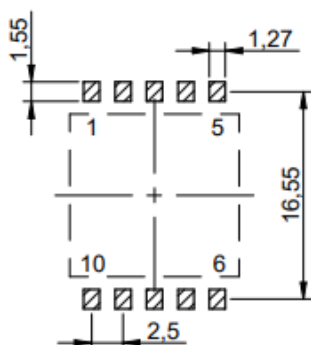
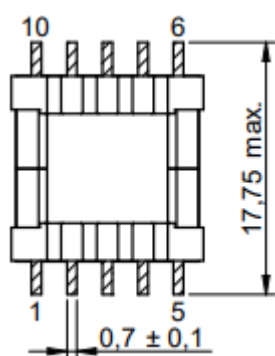
Isolation: 1500Vrms 1mA

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

Part Number	Transformer Turns ratio ±3%	Primary Inductance Lp (uH) Min.	Saturation Current Isat (A) Typ.	Leakage Inductance Ls, N1 (uH) Max.	DCR N1 / N2 / N3 / N4 mΩ Max.
EP13005	12:1:1:2.5	127	2.3	3.5	440 / 15 / 15 / 110

Dimension: mm

Schematics:



Data sheet subject to change without notice

Unless otherwise specified, all tolerance are ± 0.25 mm

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