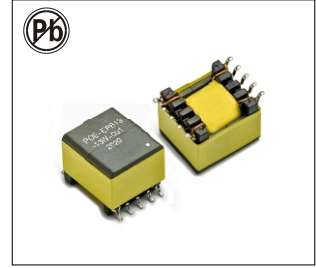


POE FLYBACK TRANSFORMERS

POE-EPB13-13W-001



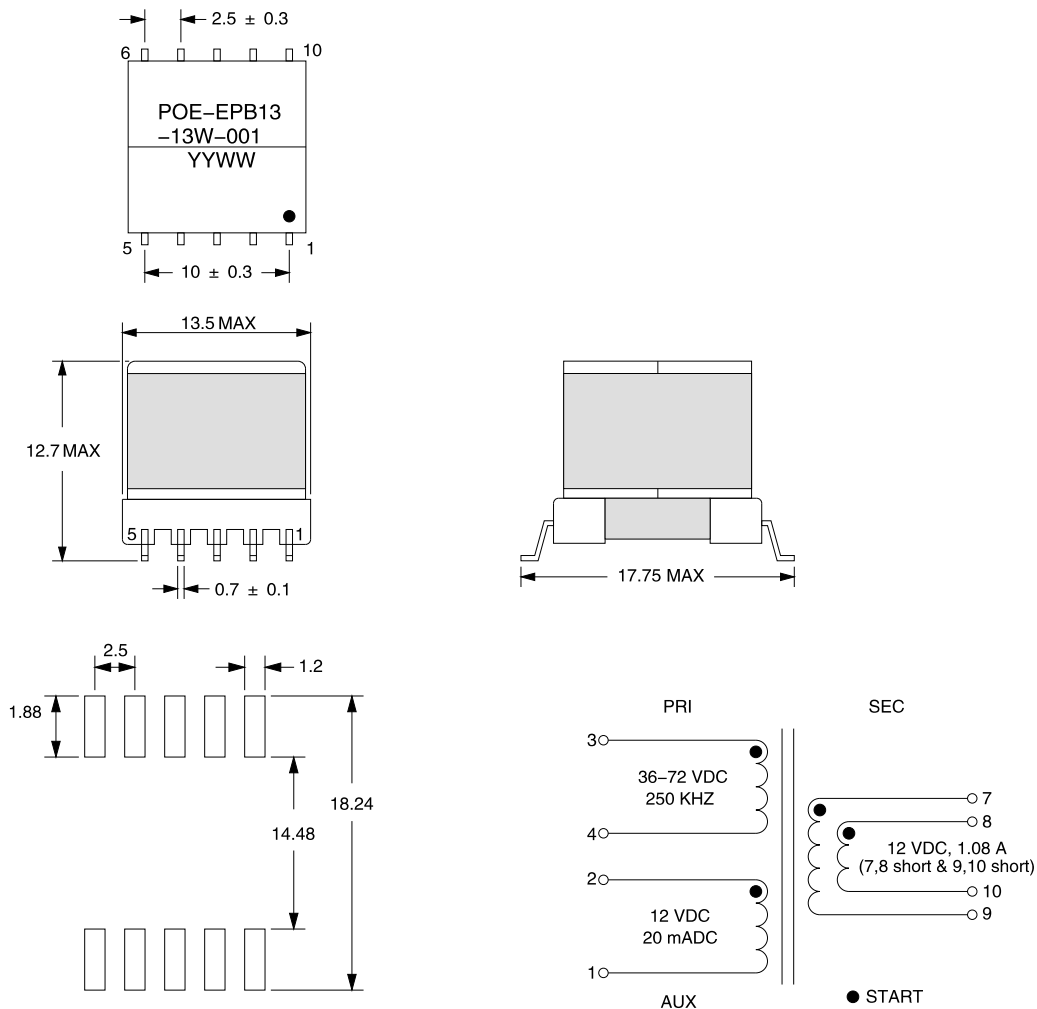
Features

- 13 W PoE
- 1.5 kVrms isolation voltage
- Supports IEEE 802.3af compliant, integrated PoE PD and PWM controllers
- UL 94V-0 rated bobbin
- UL 1446 Class B Insulation System
- RoHS compliant

ELECTRICAL CHARACTERISTICS:@25°C

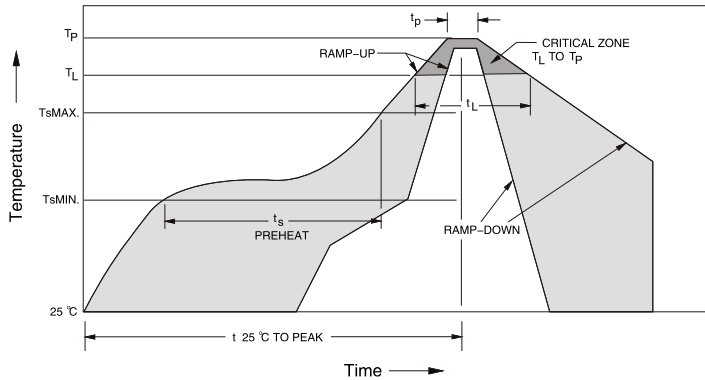
Part No.	L(3-4) ± 10% @250KHz,0.1V	DCR(m Ω)Max			Turn ratio ± 3% (3-4):(2-1) :(7-9):(8-10)	Input	Output
		3-4	2-1	7,8-9,10			
POE-EPB13-13W-001	127uH	199	308	33	1 : 0.5 : 0.5 : 0.5	36-72Vdc 250KHz	12Vdc@1.08A

PHYSICAL CHARACTERISTICS:(mm) LAYOUT:



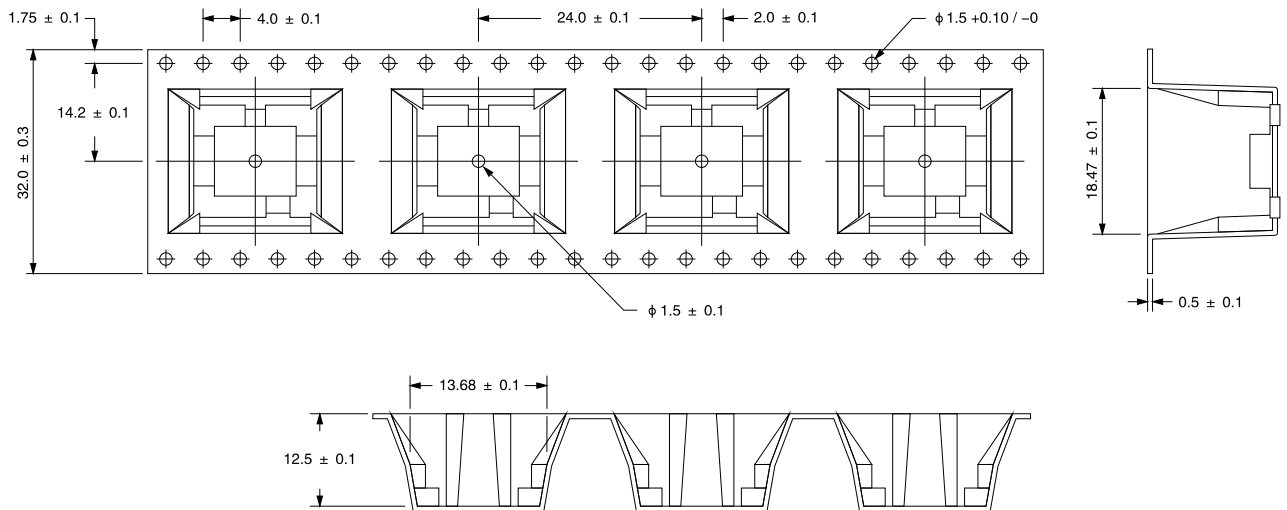
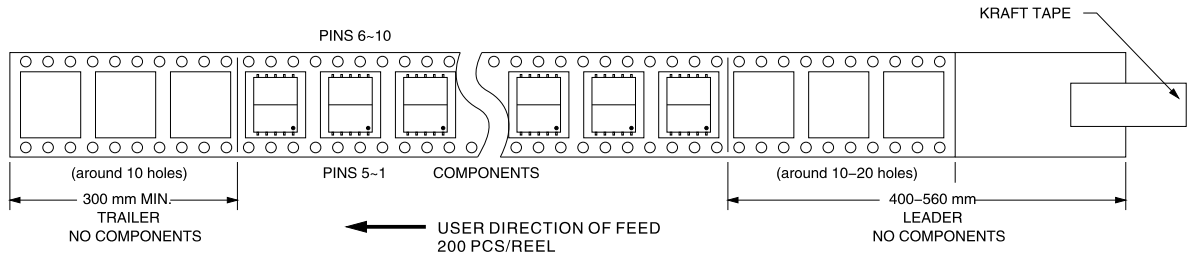
Primary (3-4) Leakage Inductance (250 kHz, 0.1 V Aux. Sec. shorted).....2.0uHMax.
 Hi-Pot.....
 Pri/Sec.....1.5 kVac, 2 mA, 2 Sec.
 Pri/Aux, Pri/core, Sec/core.....0.5 kVAC, 2 mA, 2 Sec.
 Operating Temperature.....-40 °C to +125 °C (temperature rise included)
 Storage Temperature.....-40 °C to +125 °C (Component)

SOLDERING PROFILE:



Ramp-up rate = 3 °C /sec. max.
 Ramp-down rate = 6 °C /sec. max.
 TL = 217 °C tL = 60-150 sec.
 TP = 245 °C ± 5 °C
 Time within 5 °C of actual Peak Temp (tp) = 20-40 sec.
 Ts min = 150 °C Ts max = 200 °C
 Ts min to Ts max = 60-180 sec., 25 °C to Peak Temperature = 6 min. max.

PACKAGING SPECIFICATIONS:(mm)



Packaging..... 200 pcs. per 13-inch reel