

13-Watt PoE Flyback Transformer

Designed and Optimized for Silergy SY23211 PoE PD Controller



Product Features:

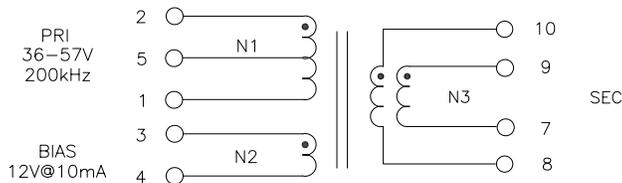
- Fully Compliant to IEEE802.3af
- High Efficiency Operation
- UL/EN60950 Recognized
- 100% Electrical Testing
- 1500Vrms Isolation
- Extended Temperature Range (-40 to +85C)
- Tested and Approved by Silergy

Part Number	Output Voltage	Turns Ratio N1:N2:N3	DCR mΩ (max) N1,N2,N3	PRI Inductance ±10%
TGSP-P168EP13LF	3.3V @ 4A	1:0.938:0.250	100, 220, 8	30.7μH
TGSP-P169EP13LF	5V @ 2.6A	1:0.462:0.192	160, 200, 12	42.5μH
TGSP-P170EP13LF	12V @ 1.1A	1:0.5:0.5	160, 180, 28	48.4μH

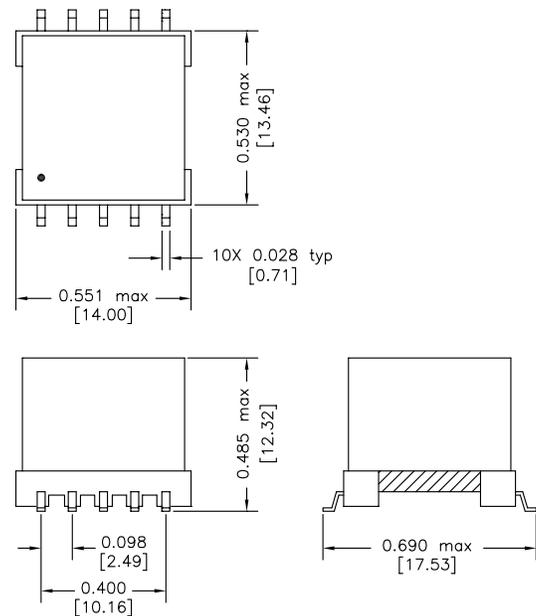
Notes:

- Please contact the factory or your local representative for individual datasheets and additional information.
- HALO's [TG110-RP55N5LF](#) or [TG110-RPE5N5LF](#) 10/100 Ethernet data transformers tested and approved by Silergy.

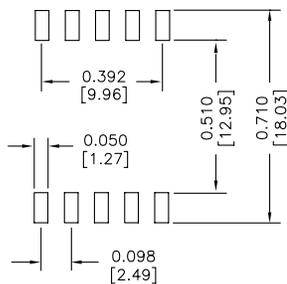
Circuit Diagram



Mechanical



Recommended Footprint



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