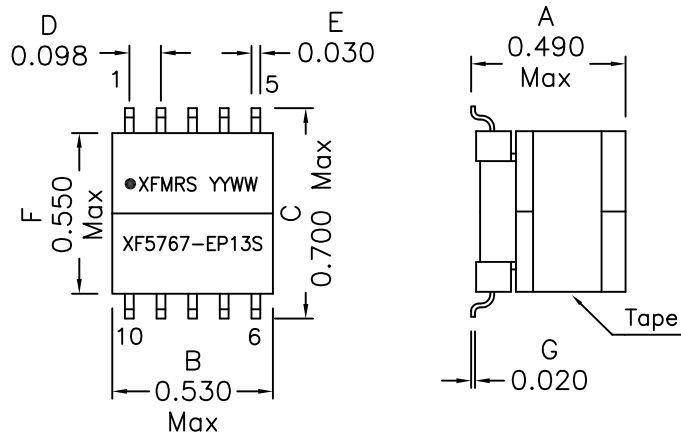
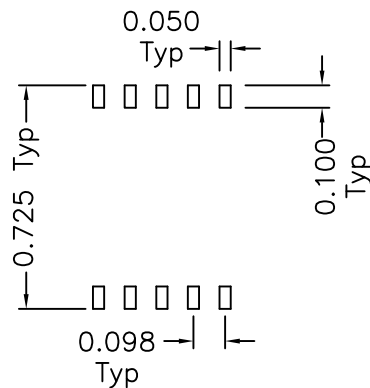


1. Mechanical Dimensions:



Top view

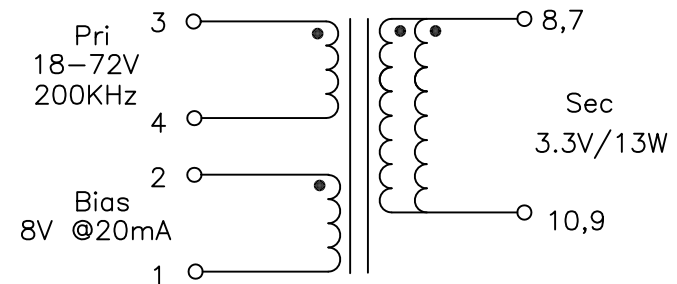


Suggested PCB Layout

Notes:

1. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
2. Flammability: UL94V-0
3. ASTM oxygen index: > 28%
4. Insulation System: Class F 155°C. UL file E151556
5. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +130°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. SMD Lead Coplanarity: $\pm 0.004''(0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 250°C Max.

2. Schematic:



3. Electrical Specifications: @25°C

OCL: Pins 3-4 57.6uH \pm 10% @200KHz, 0.1V

Q: Pins 3-4 40 Min @200KHz, 0.1V

LL: Pins 3-4 3.5uH Max @200KHz, 0.1V (Short Sec)

Cw/w: Pins 3-8 120pF Max @100KHz, 0.1V

(Short Pri & Bias; Sec)

DCR: Pins 3-4 110mOhms Max

Pins 8,7-10,9 6mOhms Max

Pins 2-1 88mOhms Max

Turns Ratio: (3-4):(2-1):(8,7-10,9)=1.000:0.417:0.167 \pm 2%

Hipot: 1500Vrms, Pri & Bias to Sec

XFMR5 Inc www.XFMR5.com	Title: Transformer		
	UNLESS OTHERWISE SPECIFIED	P/N: XF5767-EP13S	REV. A
TOLERANCES: .xxx \pm 0.010	DWN.	Yuan	Dec-29-13
Dimensions in Inch	CHK.	YK Liao	Dec-29-13
SHEET 1 OF 1	APP.	BSJ	Dec-29-13

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