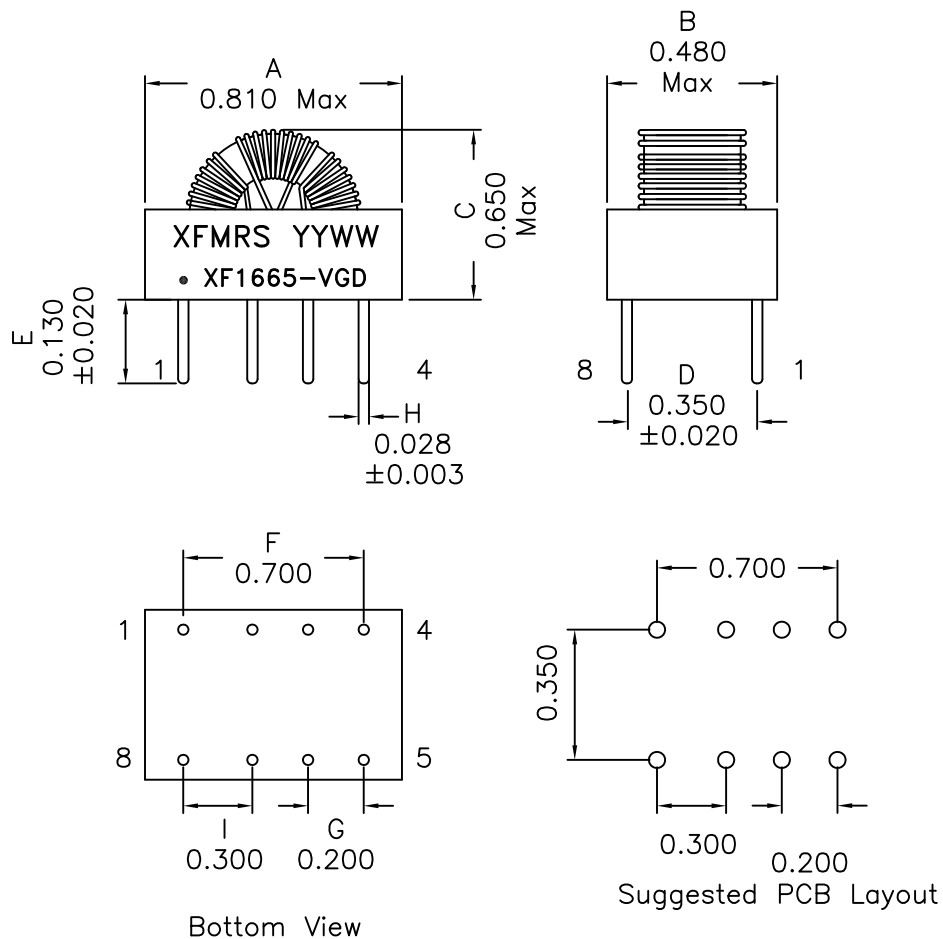
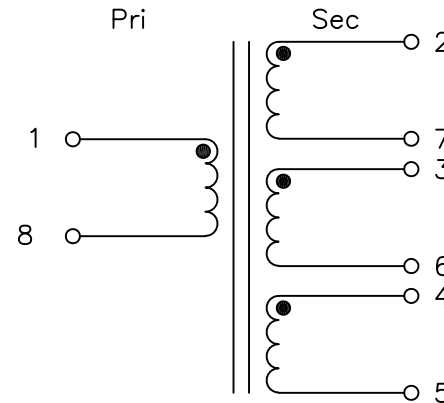


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

- OCL: Pins 1–8 150uH Min @10KHz 0.1V
- Q: Pins 1–8 20 Min @10KHz 0.1V
- LL: Pins 1–8 5uH Max @100KHz 0.1V (Short Sec)
- Cw/w: Pins 1–2 15pF Max @100KHz 0.1V (Short Pri; Sec)
- DCR: Pins 1–8 0.130 Ohms Max
 Pins 2–7 0.130 Ohms Max
 Pins 3–6 0.130 Ohms Max
 Pins 4–5 0.130 Ohms Max
- Turns Ratio: (1–8):(2–7):(3–6):(4–5)=1:1:1:1±2%
- Et Constant: 20V–uS
- Hipot: 4500Vac, Pri to Sec
 2000Vac, Sec to Sec
- SRF: Pins 1–8 1.5MHz Min

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: -40°C to +85°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DOC REV: A/2

| | | | |
|------------------------------------|---|-----------------|-----------|
| XFMR5 Inc. www.XFMR5.com | Title: Gate Drive Xfmr | | |
| | UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in Inch | P/N: XF1665-VGD | REV. A |
| SHEET 1 OF 1 | DWN. | Huo | Sep-19-17 |
| | CHK. | YK Liao | Sep-19-17 |
| | APP. | BSJ | Sep-19-17 |