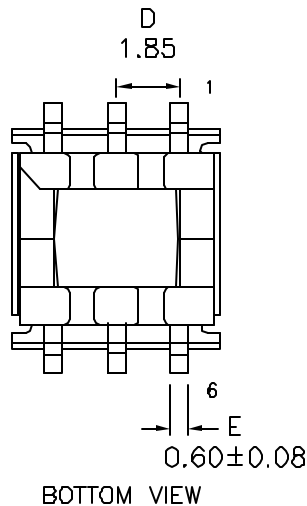
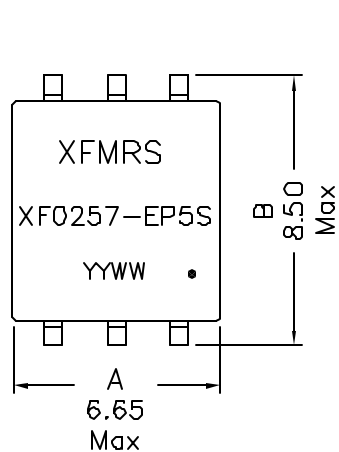


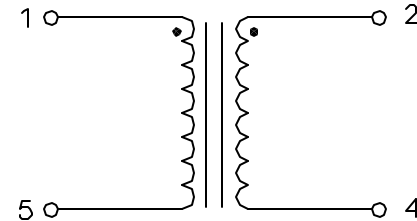
## 1. Mechanical Dimensions:



### 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 +85°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

## 2. Schematic:



## 3. Electrical Specifications:

OCL: 2.50uH±15% @10KHz, 0.01V Each Wdg.

OCL: Pins (1-4) 10uH±15% @10KHz 0.01V (Short 2+5)

Cw/w: 40.0pF Max @100KHz 0.1V Wdg. to Wdg.

DCR: Pins (1-5) 0.070 Ohms ±10%

DCR: Pins (2-4) 0.070 Ohms ±10%

Isolation Voltage: 850Vdc, Wdg to Wdg

Turns Ratio: 1-5:2-4 = 1:1±1%

DOC. REV: A/1

PROPRIETARY

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|                                                                                                      |                  |                    |           |
|------------------------------------------------------------------------------------------------------|------------------|--------------------|-----------|
| XFMRS Inc<br>www.XFMRS.com                                                                           |                  | Title:<br>Inductor |           |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>.xx ±0.25<br>Dimensions in MM<br>Scale 1.5:1 SHT 1 OF 1 | P/N: XF0257-EP5S |                    | REV. A    |
|                                                                                                      | DWN.             | Juan Mao           | Aug-10-06 |
|                                                                                                      | CHK.             | YK Liao            | Aug-10-06 |
|                                                                                                      | APP.             | BW                 | Aug-10-06 |