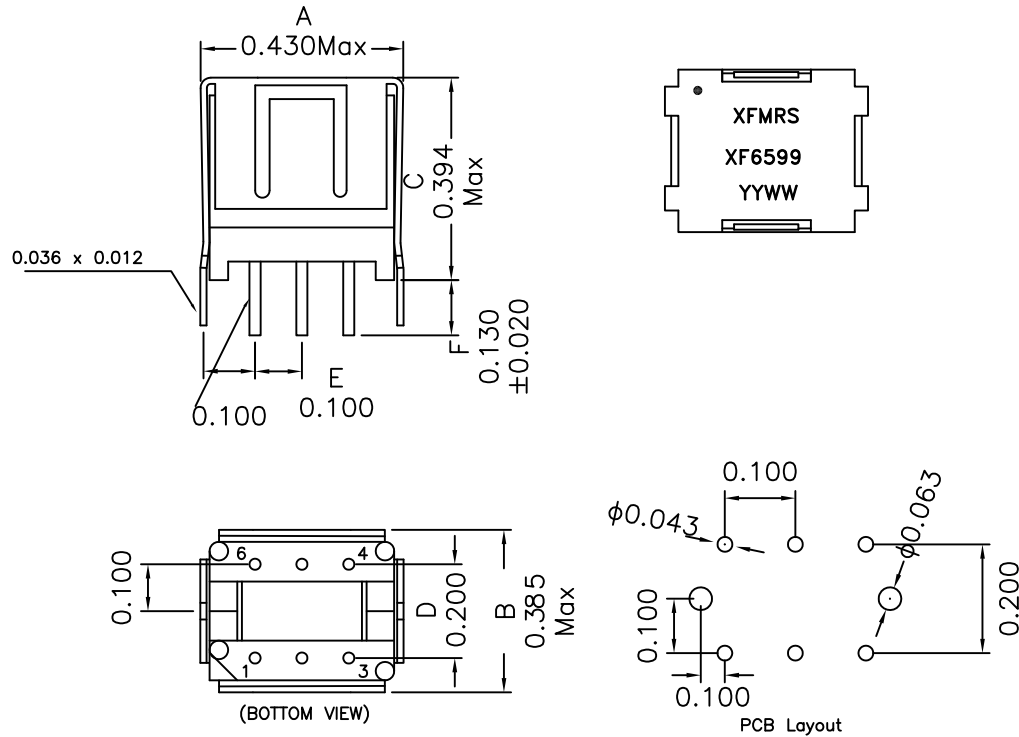
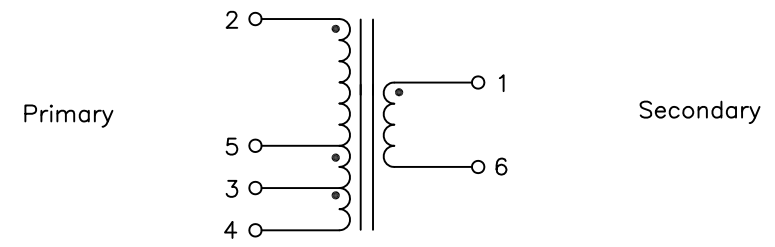


1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: P(2-5) 1.3mH Min. 10KHz 1.0V, Ls
 OCL: P(2-5) 650uH Min. 10KHz 1.0V @-40°C to +85°C
 LL: P(1-6) 0.5uH Max. 10KHz 0.1V Short Pins 2-4
 DCR: P(2-4) 0.96-1.55 ohms
 DCR: P(1-6) 0.75-1.15 ohms
 HIPOT: 1650Vdc Pri to Sec, Wdgs to Core
 LB: 40dB Min @1MHz
 Freq. Resp.: ±0.15dB @50KHz-3MHz, Ref. 772KHz
 Insertion Loss: 0.25dB Max @772KHz, 75 Ohms on PRI
 Return Loss: 18dB Min @PRI vs. appropriate ref. resistance, 75 Ohms on SEC, 100KHz-2MHz.
 Turns Ratio: (1-6):(2-5):(2-4):(2-3) = 1:1:1.26:1.16 ±2%
 Designed to reflect: 75/100/120 Ohms on PRI with 75 Ohms on SEC.

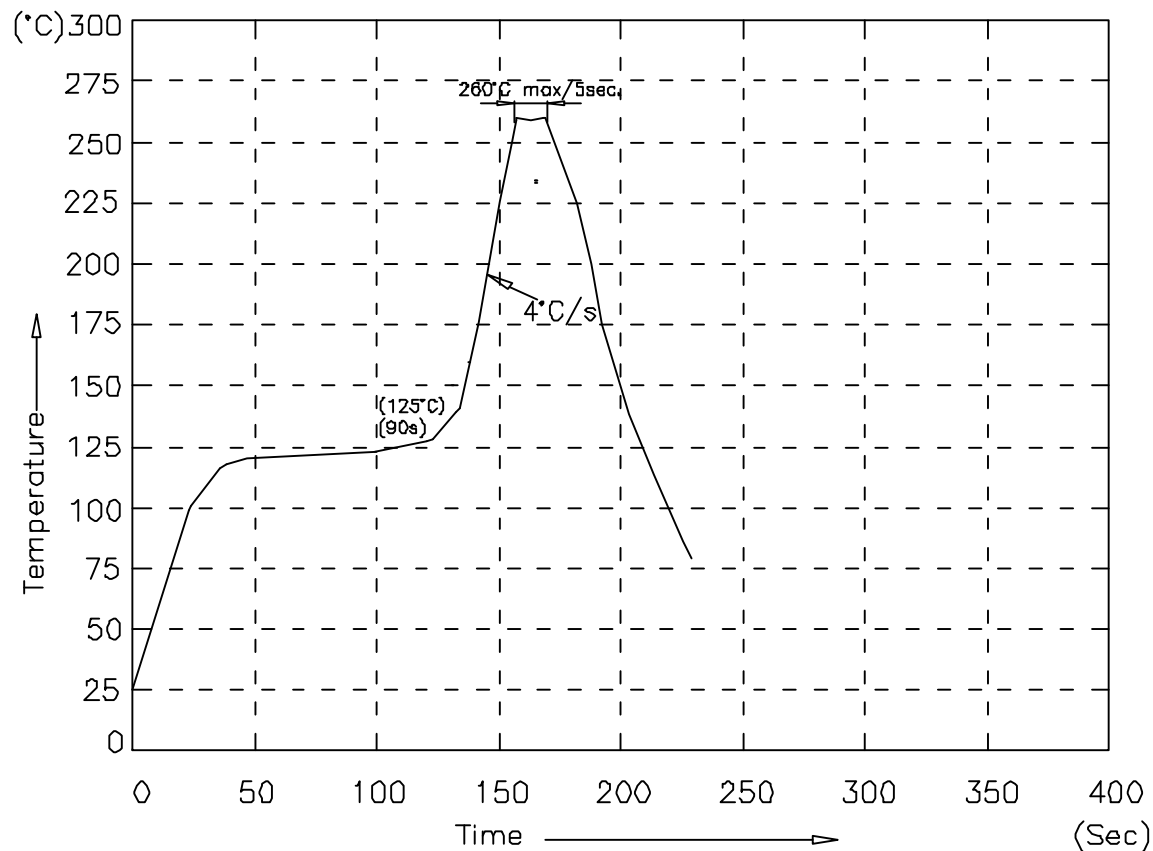
Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component

DOC. REV B/7

XFMRS® www.XFMRS.com	Title: EP7 TRANSFORMER		
	UNLESS OTHERWISE SPECIFIED	P/N: XF6599	REV. B
TOLERANCE: .xxx ±0.010 Dimensions in Inch	DWN.	Yu	Sep-24-21
	CHK.	YK Liao	Sep-24-21
SHEET 1 OF 1	APP.	GL	Sep-24-21

Recommended wave soldering profile
for Lead-free Through-hole component.



NOTE:

1. Recommend the wave temperature 245°C–260°C. The maximum soldering temperature should be less than 260°C
2. Do not apply stress on plastics when temperature is over 85°C
3. The soldering profile applies to the lead free soldering (Sn/Cu alloy).
4. No more than 1 cycle.

DOC. REV B

XFMR5[®] www.XFMR5.com		Title: Soldering profile	
UNLESS OTHERWISE SPECIFIED TOLERANCES: N/A	P/N: TH component		REV. B
	DWN.	Juan Mao	Jan-20-07
	CHK.	YK Liao	Jan-20-07
SHEET 1 OF 1		APP.	BW Jan-20-07