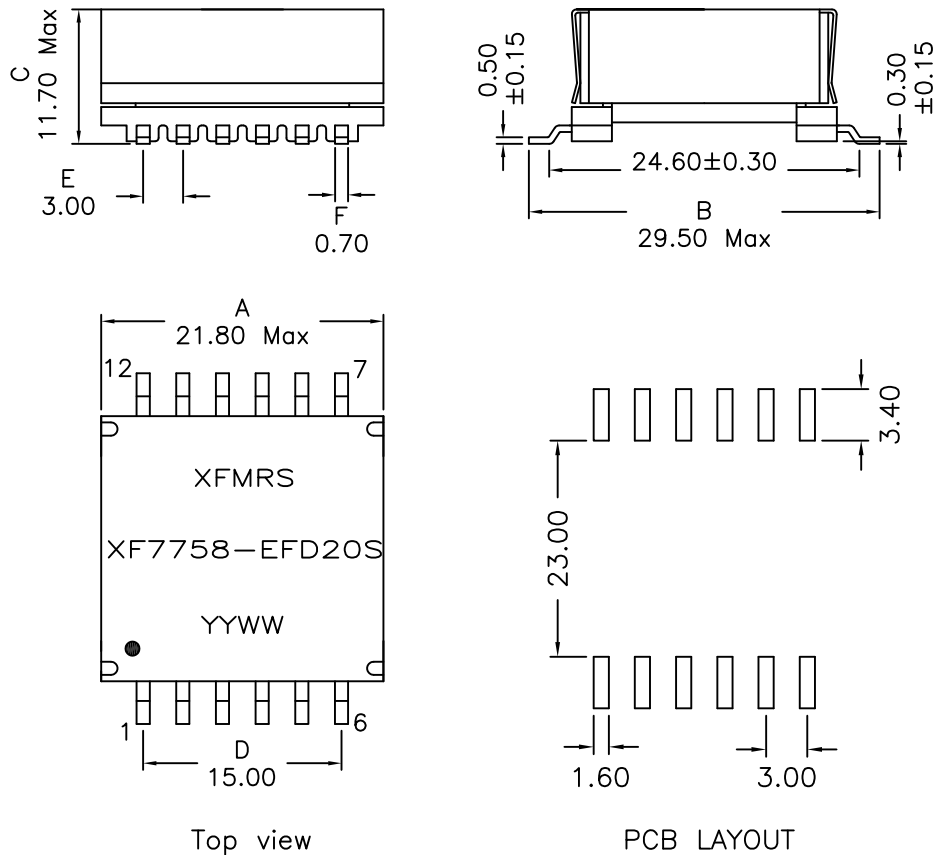
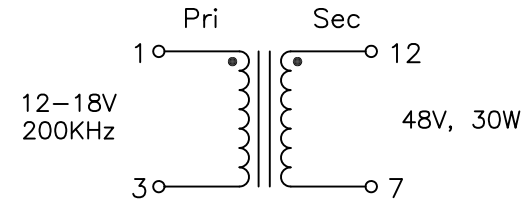


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25°C

- OCL: Pins 1-3  $7.75\mu H \pm 10\%$  @100KHz, 0.1V  
Pins 1-3  $7.75\mu H + 10\% / -30\%$  @100KHz, 0.1V,  $-40^\circ C$  to  $-10^\circ C$
- Q: Pins 1-3 60 Min @100KHz, 0.1V
- LL: Pins 1-3  $0.5\mu H$  Max @100KHz, 0.1V Short Sec
- Cw/w: 1-12  $150pF$  Max 100KHz, 0.1V
- DCR: Pins 1-3 14 mOhms Max  
Pins 12-7 154 mOhms Max
- Turns Ratio:  $(12-7):(1-3) = 1.000:0.250 \pm 2\%$
- Hipot: 600Vrms, Pri to Sec

### Notes:

- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index:  $> 28\%$
- Insulation System: Class F  $155^\circ C$ . UL file E151556
- All listed parameters are to be within tolerance from  $-40^\circ C$  to  $+85^\circ C$  unless otherwise noted.
- Storage Temperature Range:  $-55^\circ C$  to  $+125^\circ C$
- Aqueous wash compatible
- SMD Lead Coplanarity:  $\pm 0.004'' (0.102mm)$
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of  $250^\circ C$  Max.

DOC. REV: A/1

XFMRS Inc www.XFMRS.com	Title: Flyback Transformer		
	UNLESS OTHERWISE SPECIFIED	P/N: XF7758-EFD20S	REV. A
TOLERANCES: .xx $\pm 0.25$	DWN.	Yuan	Jan-10-14
Dimensions in MM	CHK.	YK Liao	Jan-10-14
SHEET 1 OF 1	APP.	BSJ	Jan-10-14