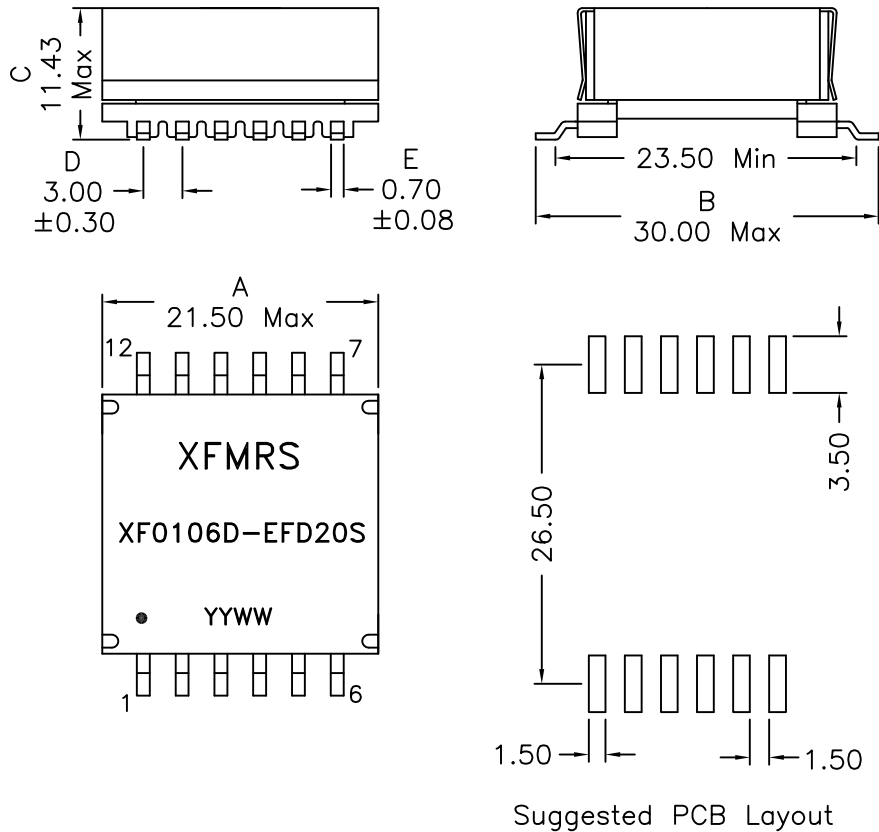


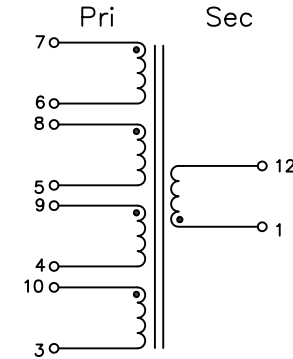
1. Mechanical Dimensions:



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 H 180°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: ±0.004*(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Recommended IR Reflow peak temp of 250C Max.

2. Schematic:



(Parallel on PCB)

3. Electrical Specifications: @25°C

- OCL: Pins 7,8,9,10-6,5,4,3 10uH±10% @100KHz, 0.1V, 0Adc
 Pins 7,8,9,10-6,5,4,3 8.5uH Min @100KHz, 0.1V, 10.0Adc
- Q: Pins 7,8,9,10-6,5,4,3 10 Min @100KHz, 0.1V
- Cw/w: Pins 7-1 250pF Max @100KHz 0.1V
 (Short P7+8+9+10; P3+4+5+6)
- LL: Pins 7,8,9,10-6,5,4,3 0.250uH Max @100KHz 0.1V (Short Sec)
- DCR: Pins 7-6 80 mOhms Max
 Pins 8-5 80 mOhms Max
 Pins 9-4 72 mOhms Max
 Pins 10-3 72 mOhms Max
 Pins 12-1 1.75 Ohms Max
- Turns Ratio: (1-12):(7-6):(8-5):(9-4):(10-3)
 =1.000:0.100:0.100:0.100:0.100±2%
- Hipot: 1500Vac 2Sec, Pri to Sec, Wdgs to Core

DOC. REV: A/3

XFMRS Inc www.XFMRS.com	Title: 10A Charging Transformer		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx 0.25	P/N: XF0106D-EFD20S	REV. A
Dimensions in MM	DWN.	Yuan	Apr-24-13
SHEET 1 OF 1	CHK.	YK Liao	Apr-24-13
	APP.	BW	Apr-24-13

PROPRIETARY

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