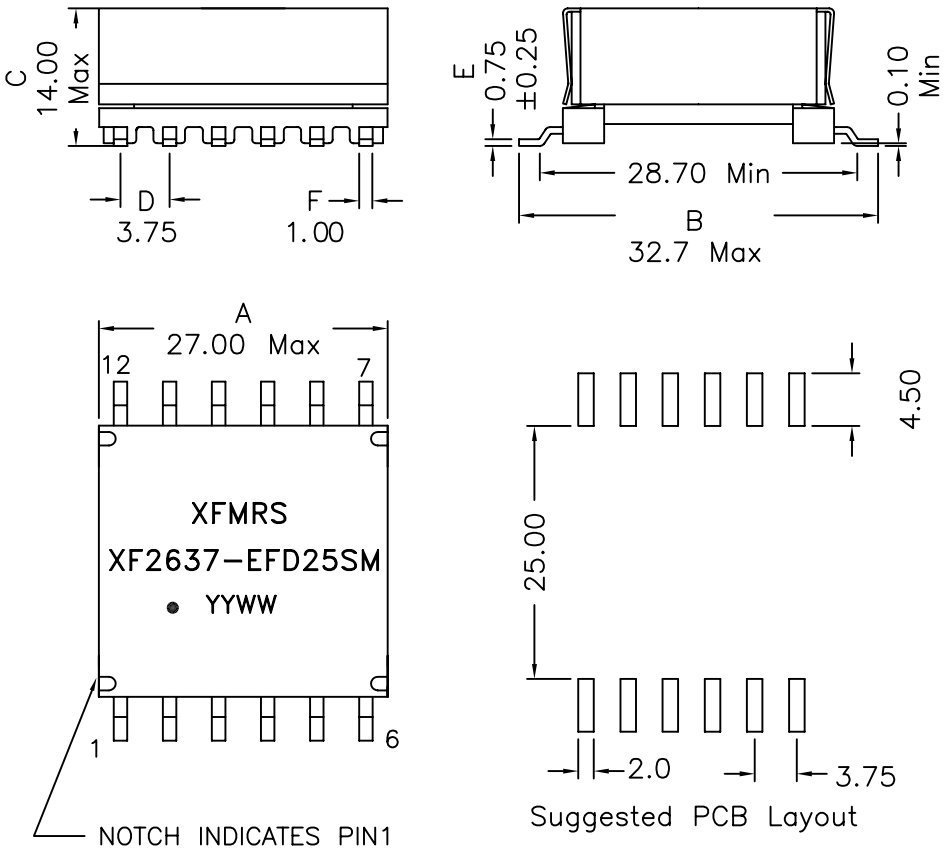
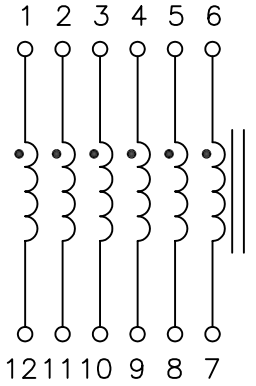
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications:

OCL: 26.3uH±20% @100KHz 0.1V, Each Wdg
LL: Pins 1-12 TBDuH Typ @100KHz 0.1V, (Short all else)
DCR: 0.030 Ohms Max (Each Wdg)
Isat: 1.2Adc (30% drop in L typical)
Irms: 2.9Arms (Based on 40°C Temp Rise per wdg)
Isolation: 500Vdc, Wdg to Wdg, All Wdgs to Core
Energy Storage: 477uJ Max
Volt-Time Product: 131.9V-uS

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: ±0.004"(0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

DOC REV: A/1

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XFMRS Inc www.XFMRS.com	Title: EFD25 SMD Inductor		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in mm	P/N: XF2637-EFD25SM		REV. A
	DWN.	Xianyi	Sep-30-10
	CHK.	YK Liao	Sep-30-10
Scale 1.5:1 SHT 1 OF 1	APP.	BW	Sep-30-10