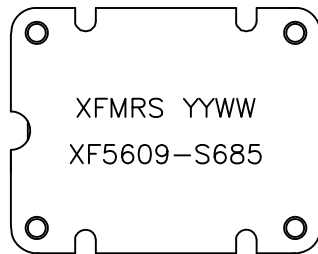
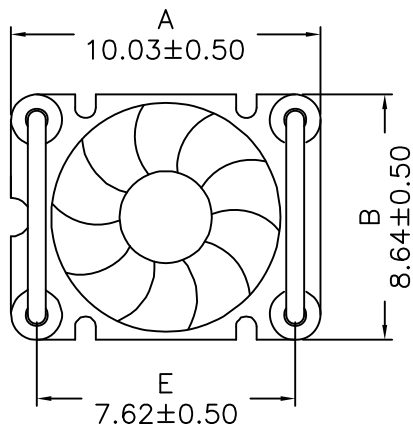
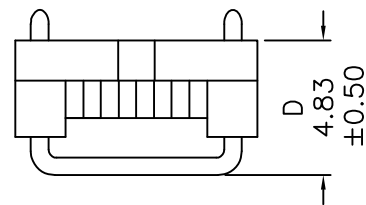
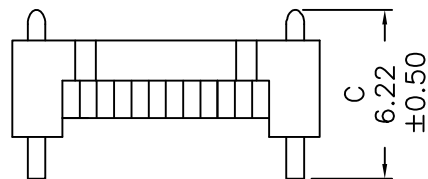


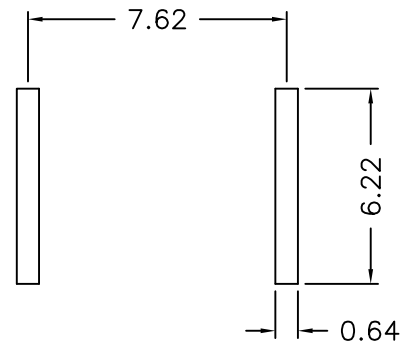
## 1. Mechanical Dimensions:



Top view

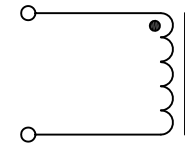


Bottom view



Footprint

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 0.560uH±15% @10MHz, 0.1V

Q: 125 Min @10MHz, 0.1V

175 Min @20MHz, 0.1V

155 Min @30MHz, 0.1V

DCR: 38 mOhms Nom

SRF: 170MHz Typ

### 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. All listed parameters are to be within tolerance from -40°C to +85°C unless otherwise noted.
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DOC. REV: A/1

<b>XFMRS Inc</b> www.XFMRS.com	Title: INDUCTOR		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XF5609-S685	REV. A
SHEET 1 OF 1	DWN.	Yuan	Apr-15-15
	CHK.	YK Liao	Apr-15-15
	APP.	BW	Apr-15-15