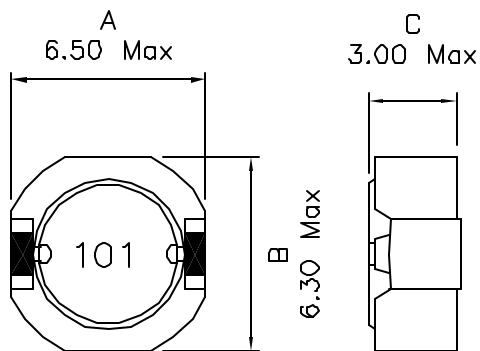
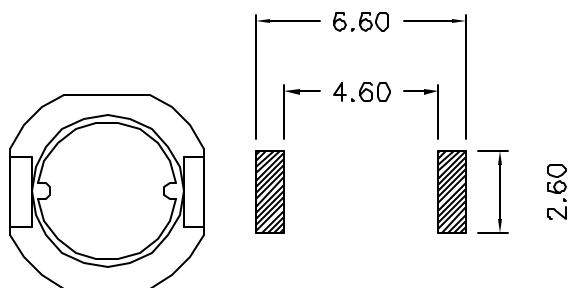


### 1. Mechanical Dimensions:



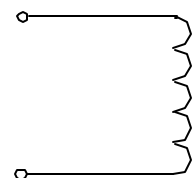
TOP VIEW



BOTTOM VIEW

PCB LAYOUT

### 2. Schematic:



### 3. Electrical Specification:

INDUCTANCE: 100uH ±20% @100KHz 0.1V

DCR: 0.415 Ohms Typ

Isat: 0.36Adc

Irated: 0.54A

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

<b>XFMRs Inc.</b> <a href="http://www.XFMRs.com">www.XFMRs.com</a>	Title: INDUCTORS		
	UNLESS OTHERWISE SPECIFIED TOLERANCES: .xxx ±0.010 Dimensions in INCH	P/N: XF636030SH-101M	REV. A
SHEET 1 OF 1	DWN.	Juan Mao	Jan-25-08
	CHK.	YK Liao	Jan-25-08
	APP.	Joe Huff	Jan-25-08

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