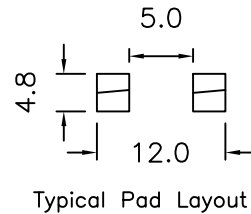
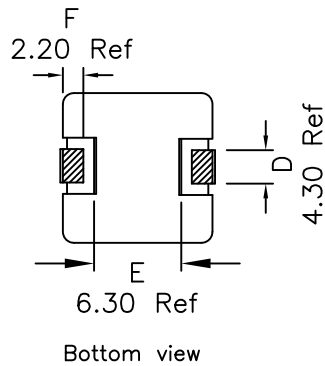
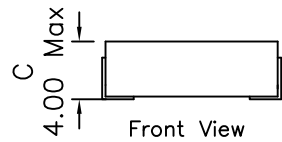
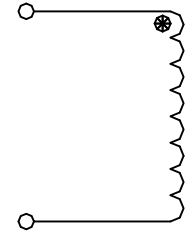
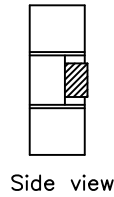
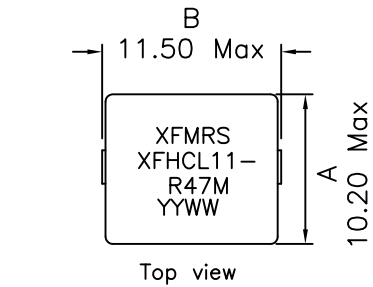


## 1. Mechanical Dimensions:



## 2. Schematic:

## 3. Electrical Specifications: @25°C

OCL:  $0.47\mu\text{H} \pm 20\%$  @100KHz, 0.25V

Q: tbd Min @100KHz, 0.25V

DCR: 1.6 mOhms Max

Irated: 26A Typ(Based on 40°C Temp Rise)

I<sub>sat</sub>: 38A Typ(Based on 20% drop in OCL)

### 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:  $\pm 0.004"$  (0.102mm)
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component
11. Outsourced item processed & controlled under XFMRS QA system

<b>XFMRS Inc</b> www.XFMRS.com	Title: <b>XFHCL11 SERIES INDUCTORS</b>		
	P/N: XFHCL11-R47M		REV. A
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx $\pm 0.25$ Dimensions in mm	DWN.	Yuan	Mar-27-14
	CHK.	YK Liao	Mar-27-14
SHEET 1 OF 1	APP.	BSJ	Mar-27-14

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