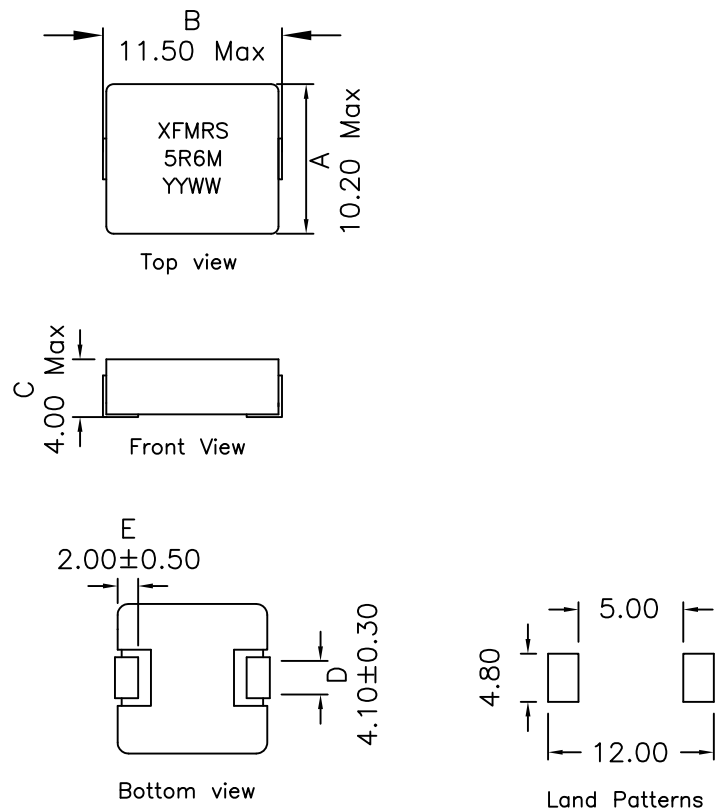


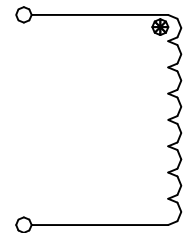
## 1. Mechanical Dimensions:



### 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 F 155°C. UL file E151556
5. All listed parameters are to be within tolerance from -55°C to +125°C unless otherwise noted.
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

## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL:  $5.6\mu\text{H} \pm 20\%$  @100KHz, 0.25V

Q: 12 Min @100KHz, 0.25V

DCR: 19.3 mOhms Max

Isat: 16A (Based on 20% Typ drop in OCL)

Irms: 8.5A (Based on 40°C Typ Temp Rise)

SRF: 8MHz Min

DOC. REV: A/1

<b>XFMRS Inc</b> <a href="http://www.XFMRS.com">www.XFMRS.com</a>	Title: <b>SMD INDUCTOR</b>		
	UNLESS OTHERWISE SPECIFIED	P/N: XFHCL11-5R6M	REV. A
TOLERANCES:	DWN.	Xiang	May-05-16
.xx $\pm 0.25$	CHK.	YK Liao	May-05-16
Dimensions in MM	APP.	BSJ	May-05-16
SHEET 1 OF 1			