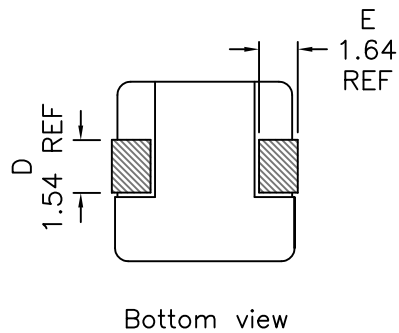
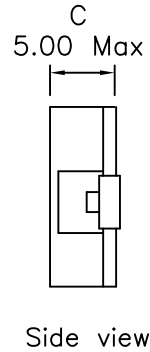
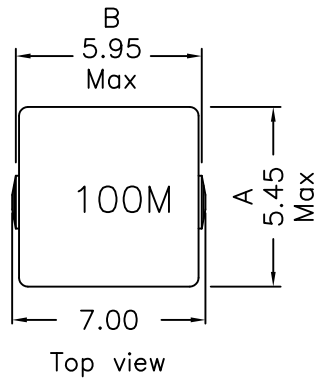
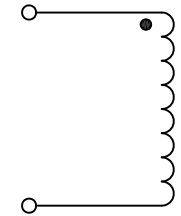


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications: @25°C

OCL: 10uH±20% @100KHz 0.25V

Q: 5 Min @100KHz 0.25V

DCR: 158mOhms Max, 152mOhms Typ

Isat: 4A<sub>dc</sub> (Based on 20% drop in OCL)

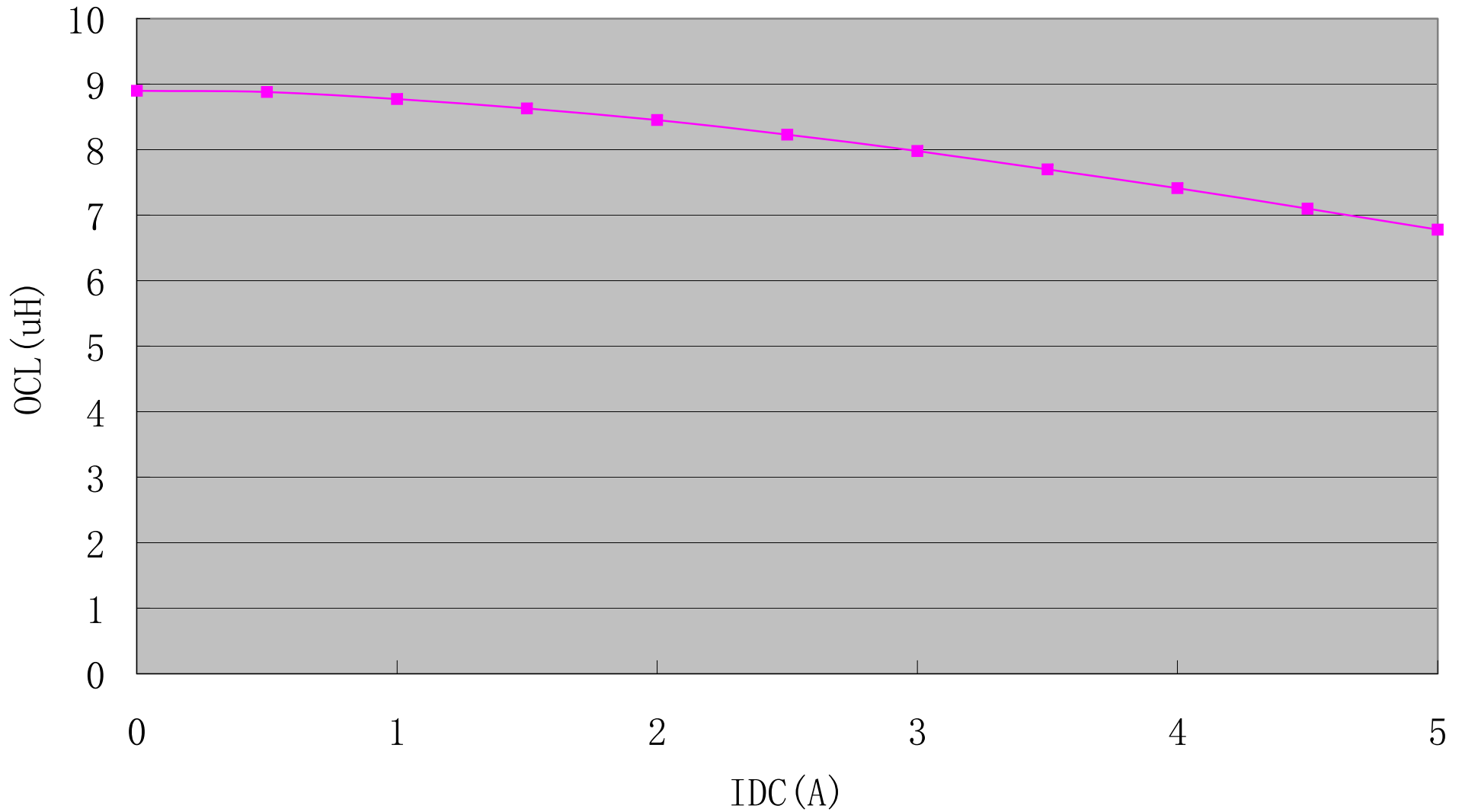
Irms: 2.5A<sub>dc</sub> (Based on 40°C Temp Rise)

### 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 -55°C to +125°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

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|  |  |                     |           |
|--|--|---------------------|-----------|
| <b>XFMRs Inc</b><br><a href="http://www.XFMRS.com">www.XFMRS.com</a> | Title:<br><b>SMT POWER INDUCTOR</b>  |                     |           |
|  | UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>.xx ±0.25<br>Dimensions in MM | P/N: XFHCL22MC-100M | REV. A    |
|  | DWN.   | Yuan                | Dec-19-12 |
|  | CHK.   | YK Liao             | Dec-19-12 |
| SHEET 1 OF 2   | APP.   | BSJ                 | Dec-19-12 |



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| <b>XFMRs Inc</b><br>www.XFMRs.com | Title:<br><b>SMT POWER INDUCTOR</b>  |                     |           |  |
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|                                   | CHK.   | YK Liao             | Dec-19-12 |  |
| SHEET 2 OF 2                      | APP.   | BSJ                 | Dec-19-12 |  |