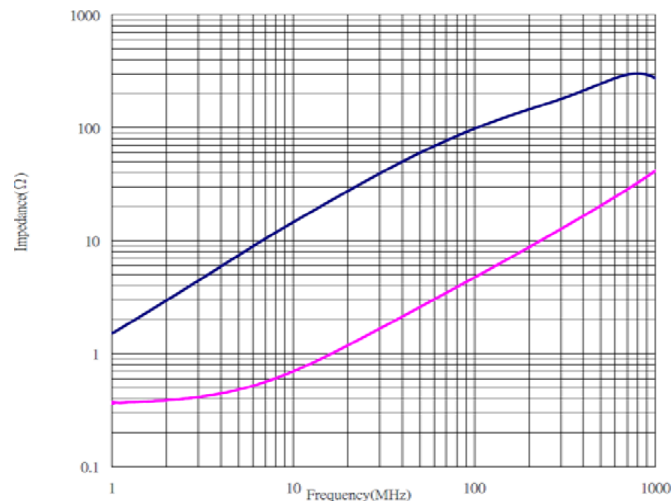
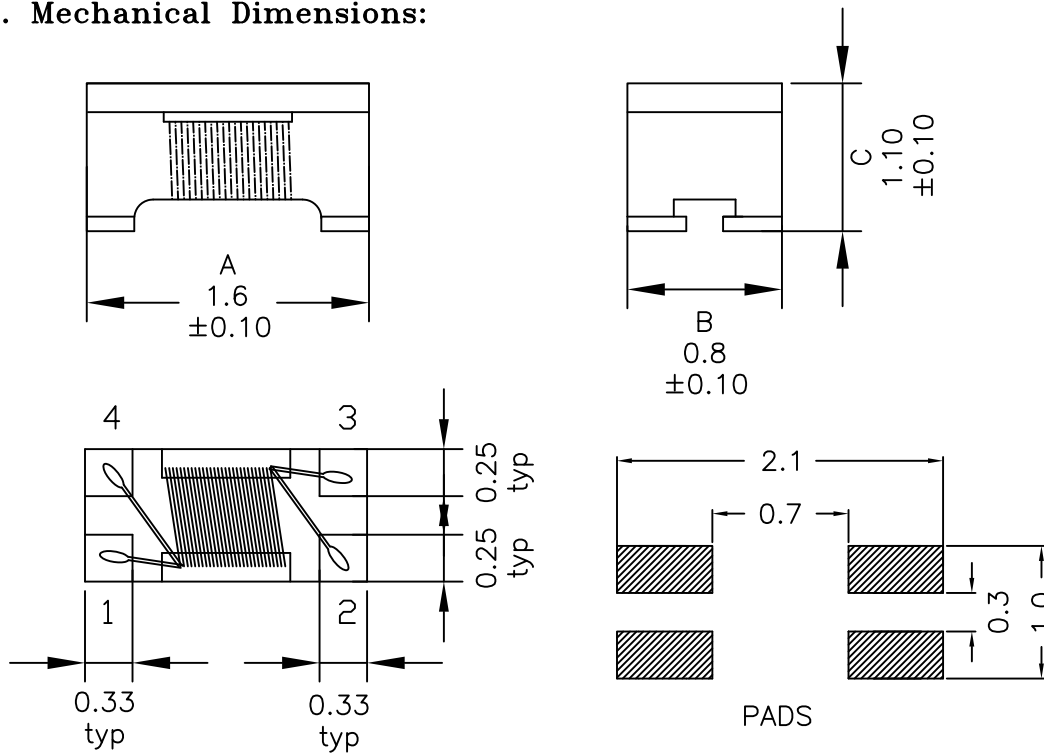
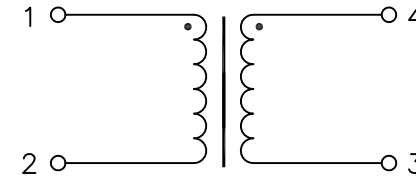


## 1. Mechanical Dimensions:



## 2. Schematic:



## 3. Electrical Specifications:

Common Mode Impedance:  $90 \pm 20\% \Omega$  @100MHz  
 Differential Mode impedance: TBD  
 Rated Current: 300mA Max  
 Rated Voltage: 50Vdc Typ  
 DCR: 0.30 Ohms Max (Each Wdg)  
 Withstand Voltage: 125Vdc

### 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:  $\pm 0.004'' (0.102\text{mm})$
9. Electrical and mechanical specifications 100% tested
10. RoHS Compliant Component

**PRELIMINARY**

DOC. REV: A/-

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|  |  |                             |           |
|--|--|-----------------------------|-----------|
| <b>XFMRs Inc</b><br>www.XFMRs.com  |  | Title:<br>Common Mode Choke |           |
| UNLESS OTHERWISE SPECIFIED<br>TOLERANCES:<br>.xx ±0.20<br>Dimensions in MM |  | P/N: XFWCMC160811-900       | REV A     |
| Scale 2.5:1 SHT 1 OF 1   |  | DWN.                        | Xiany     |
|  |  | CHK.                        | YK Liao   |
|  |  | APP.                        | GL        |
|  |  |                             | Mar-21-16 |
|  |  |                             | Mar-21-16 |
|  |  |                             | Mar-21-16 |