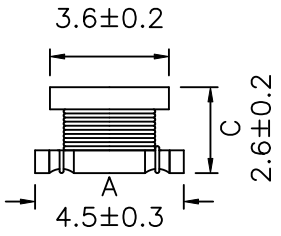
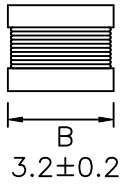
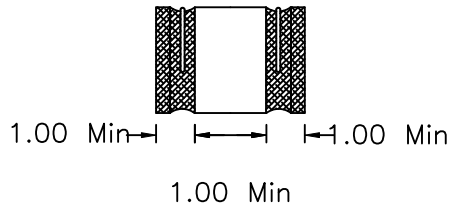
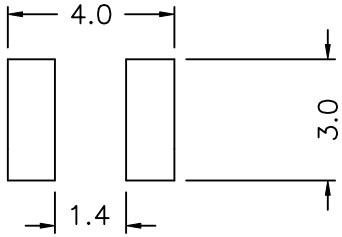
1. Mechanical Dimensions:





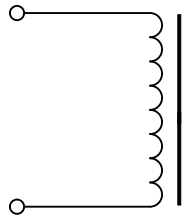


(BOTTOM VIEW)



(SUGGESTED PAD LAYOUT)

2. Schematic:



3. Electrical Specifications:

OCL: 47uH±10% @1kHz 0.25V

Irated: 0.220A Max

Q: tbd Min

DCR: 1.50 Ohms Max

SRF: tbdMHz Min

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. Moisture Sensitivity: Level 3
10. Electrical and mechanical specifications 100% tested
11. RoHS Compliant Component

PRELIMINARY

DOC REV: A/-

PROPRIETARY Document is the property of XFMRS Group & is not allowed to be duplicated without authorization.

XFMRS Inc. www.XFMRS.com	Title: INDUCTOR		
UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFWI453226-470K		REV. A
	DWN.	Juan Mao	Jul-17-23
	CHK.	YK Liao	Jul-17-23
SHEET 1 OF 1	APP.	VL	Jul-17-23