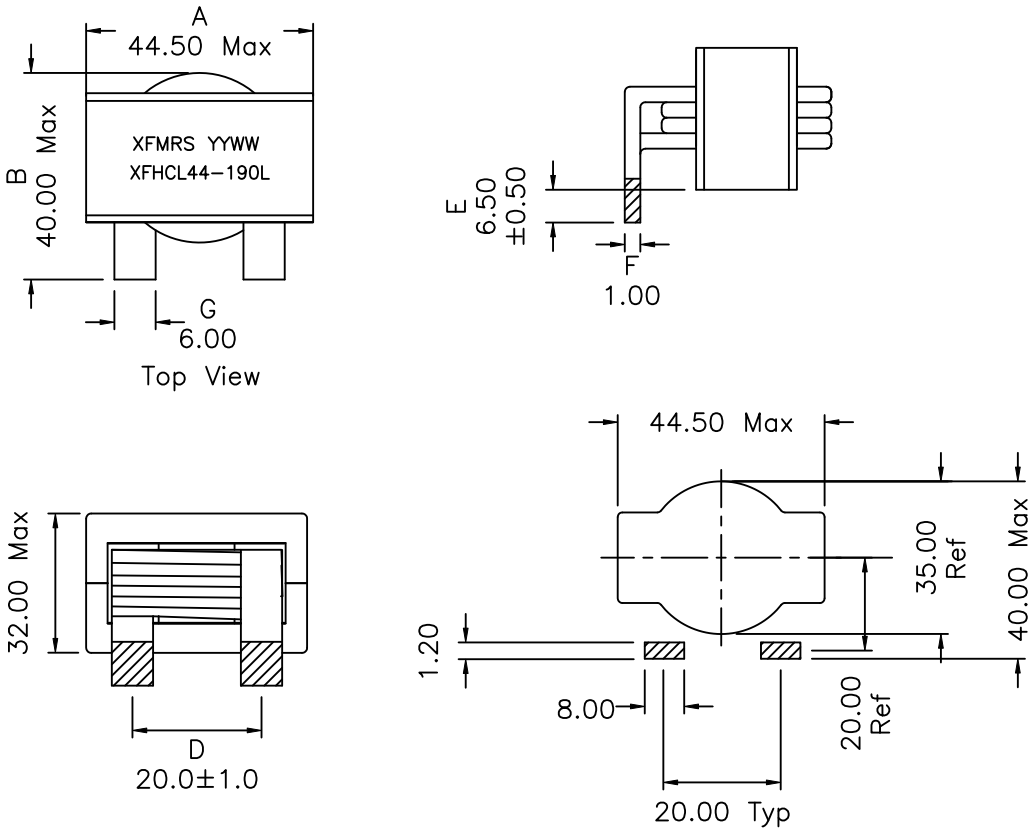
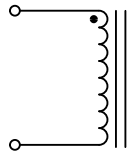
1. Mechanical Dimensions:



2. Schematic:



3. Electrical Specifications: @25°C

OCL: 19.6uH±15% @10KHz 0.1V

Q: 5 Min @10KHz 0.1V

DCR: 4.0 mOhms Max

Hipot: 300Vdc, Wdg to Core

Isat: 58A Typ (10% Max drop in OCL)
102A Typ (35% Max drop in OCL)

Irms: 40A Typ (20°C rise without core loss)
82A Typ (40°C rise without core loss)

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: -40°C to +150°C
6. Storage Temperature Range: -55°C to +125°C
7. Aqueous wash compatible
8. Electrical and mechanical specifications 100% tested
9. RoHS Compliant Component

DOC REV: A/1

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UNLESS OTHERWISE SPECIFIED TOLERANCES: .xx ±0.25 Dimensions in MM	P/N: XFHCL44-190L		REV. A
	DWN.	Yu	Dec-12-22
	CHK.	YK Liao	Dec-12-22
SHEET 1 OF 1	APP.		