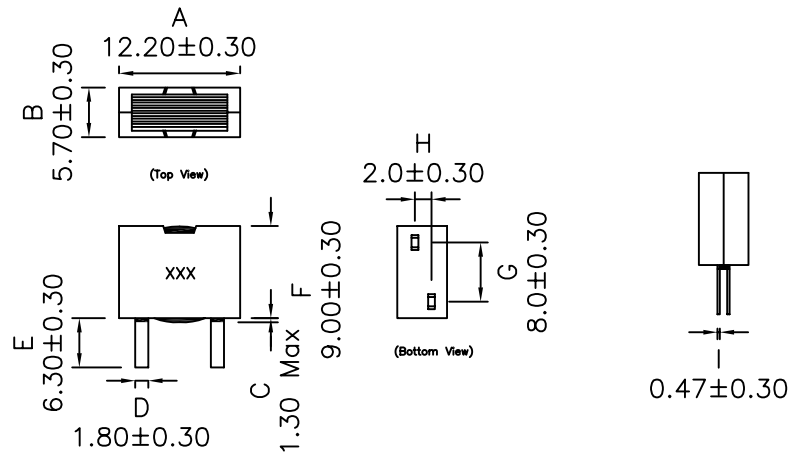


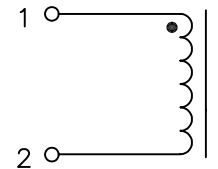
## XFHCLTH SERIES POWER INDUTORS

- \* IDEAL FOR HIGH CURRENT APPLICATIONS
- \* FOR DC/DC CONVERTERS, DC/AC INVERTERS, VRM APPLICATIONS
- \* MAGNETICALLY SHIEDLED FOR LOW NOISE
- \* TEMP. RISE; 30°C TYPICAL ABOVE 60°C AMBIENT
- \* OPERATING TEMP.: -40°C TO +85°C

### Mechanical Dimensions:



### 2. Schematic:



TOLERANCE:  
 .xx ±0.25  
 Dimensions in mm

Part Number	INDUCTANCE uH ±20%	D.C.resistance mOhms Max (Typ)	Rated D.C. current (A)	Allowable current (A)	Marking
XFHCLTH-100M	10.00	5.4(4.5)	6.0	8.0	100
XFHCLTH-150M	15.00	6.8(5.6)	5.0	7.5	150
XFHCLTH-220M	22.00	8.1(6.7)	4.2	7.0	220

Open Circuit inductance Test Parameters 100KHz, 0.1V

#### Notes:

1. Solderability: Leads shall meet MIL-STD-202, Method 208D 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 +85°C