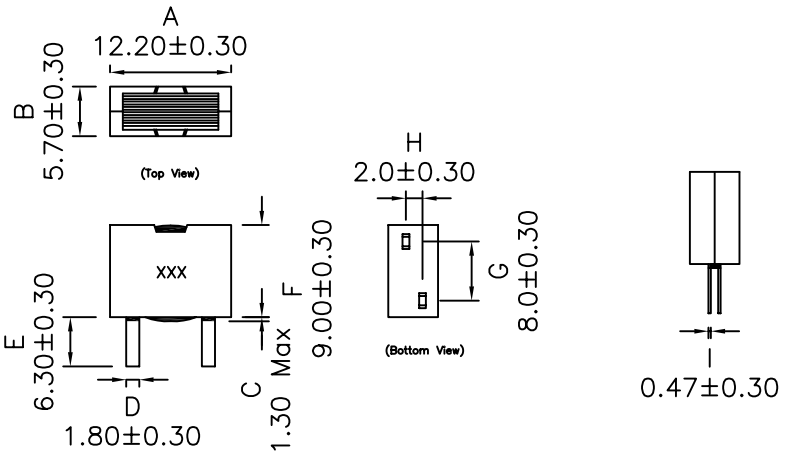
XFMRS

DWN.: Juan Mao CHK.: YK Liao APP.: MS
DATE: Apr-06-04 DATE: Apr-06-04 DATE: Apr-06-04

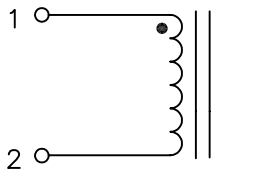
XFHCLTH SERIES POWER INDUTORS

* 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

XFMRS
XFMRS INC
1940 Landersdale Road • Camby, Indiana 46113 • TEL. (317) 834−1066 • FAX: (317) 834−1067