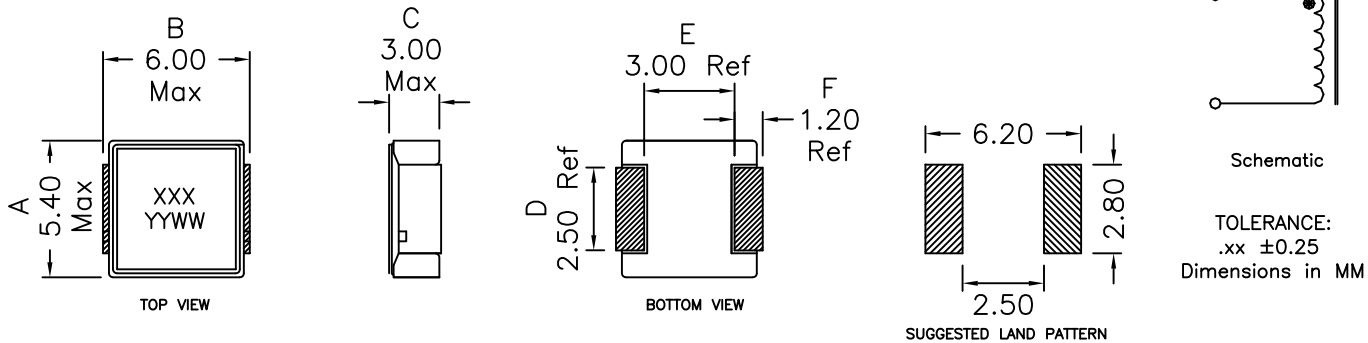


## XFHCL22MB-XXX SERIES HIGH CURRENT INDUCTOR

### Mechanical Dimensions:



Part Number	INDUCTANCE (uH)	RDC (Typ) mOhms	RDC (Max) mOhms	Isat (A)	Irms (A)
XFHCL22MB-R10N	0.10±30%	2.50	3.00	27.0	23.0
XFHCL22MB-R22M	0.22±20%	3.70	4.40	21.0	15.5
XFHCL22MB-R33M	0.33±20%	4.50	5.20	19.0	13.7
XFHCL22MB-R47M	0.47±20%	6.70	7.10	16.0	12.2
XFHCL22MB-R68M	0.68±20%	8.20	9.00	13.5	10.2
XFHCL22MB-R82M	0.82±20%	10.2	11.9	13.0	9.3
XFHCL22MB-1R0M	1.0±20%	12.6	13.7	12.0	8.8
XFHCL22MB-1R5M	1.5±20%	18.7	20.7	11.0	7.2
XFHCL22MB-2R2M	2.2±20%	25.0	29.2	10.0	5.8
XFHCL22MB-3R3M	3.3±20%	41.0	49.2	8.5	5.0
XFHCL22MB-4R7M	4.7±20%	71.0	77.5	8.2	3.5
XFHCL22MB-5R6M	5.6±20%	88.5	102	7.0	3.0
XFHCL22MB-6R8M	6.8±20%	96.0	112	6.0	2.8
XFHCL22MB-8R2M	8.2±20%	99.0	114	4.5	2.6
XFHCL22MB-100M	10±20%	112	130	4.0	2.5
XFHCL22MB-150M	15±20%	210	242	2.5	1.9

#### Notes:

1. Measurement frequency of Inductance value: at 100KHz, 0.1V
2. Measurement ambient temperature of L,DCR and IDC: at 25°C
3. Isat: DC current at which the inductance drops 20%(typ) from its value without current
4. Irms: Average current for 40°C temperature rise form 25°C ambient(typ)
5. Inductance tolerance: M:±20%
6. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
7. Flammability: UL94V-0
8. ASTM oxygen index: > 28%
9. Insulation System: Class F 155°C. UL file E151556
10. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +105°C
11. Storage Temperature Range: -55°C to +125°C
12. Aqueous wash compatible
13. SMD Lead Coplanarity: ±0.004"(0.102mm)
14. Electrical and mechanical specifications 100% tested
15. RoHS Compliant Component
16. Recommended IR Reflow peak temp of 250°C Max.
17. Outsourced item processed & controlled under XFMRs QA system