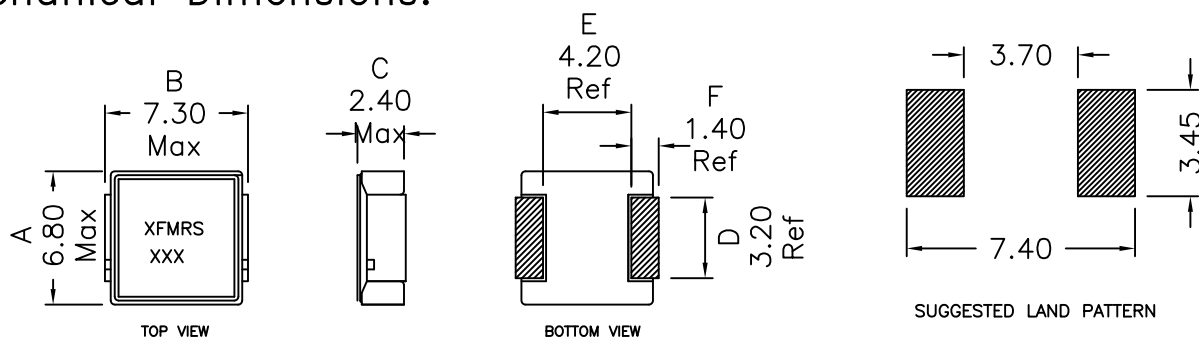


XFHCL6LP-XXX SERIES INDUCTOR

Mechanical Dimensions:



Part Number	INDUCTANCE ($\mu\text{H} \pm 20\%$)	DCR (Max) mOhms	Rated Current ¹ (Amps)	Saturation Current ² (Amps)
XFHCL6LP-R10M	0.10	1.7	30	50
XFHCL6LP-R22M	0.22	3.2	21	34
XFHCL6LP-R33M	0.33	4.1	18	22
XFHCL6LP-R47M	0.47	6.5	13.5	21
XFHCL6LP-R68M	0.68	9.4	11	18
XFHCL6LP-R82M	0.82	11.8	10	17
XFHCL6LP-1R0M	1.0	14.2	9.0	16
XFHCL6LP-1R5M	1.5	21.2	7.5	15
XFHCL6LP-2R2M	2.2	34.0	6.5	14
XFHCL6LP-3R3M	3.3	51.6	5.0	13
XFHCL6LP-4R7M	4.7	63.0	4.5	10
XFHCL6LP-6R8M	6.8	95.0	3.5	9
XFHCL6LP-8R2M	8.2	106	3.0	8
XFHCL6LP-100M	10	129	2.5	7

Notes:

1. Irated is the DC current at which the Temp increases by 40°C from its initial value.
2. Isat is the DC current at which the inductance drops 20% Max from its value without current.
3. Electrical specifications at 25°C
4. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
5. Flammability: UL94V-0
6. ASTM oxygen index: > 28%
7. Insulation System: Class F 155°C. UL file E151556
8. Operating Temperature Range: All listed parameters are to be within tolerance from -55°C to +125°C
9. Storage Temperature Range: -55°C to +125°C
10. Aqueous wash compatible
11. SMD Lead Coplanarity: ± 0.004 " (0.102mm)
12. Electrical and mechanical specifications 100% tested
13. RoHS Compliant Component
14. Tape & Reel Packaging Standard, 1000 Pcs. / 13" Reel