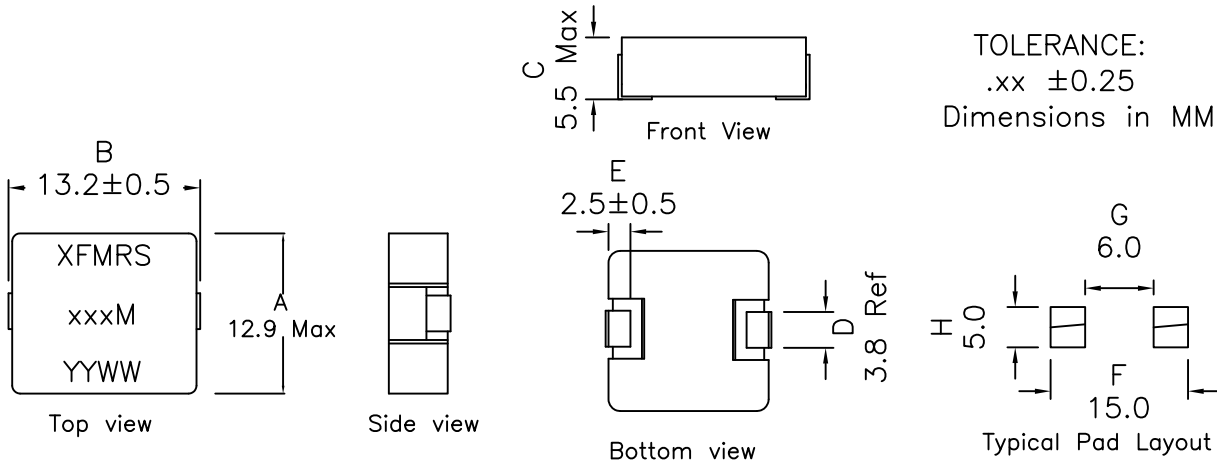


## XFHCL4-XXX SERIES INDUCTOR

### Mechanical Dimensions:



Part Number	INDUCTANCE ( $\mu\text{H} \pm 20\%$ ) @0.25V, 0A		Test Frequency (KHz)	Rated Current <sup>1</sup> (A)	Saturation Current <sup>2</sup> (A)
	DCR (Max) mOhms				
XFHCL4-R10M	0.10	0.6	100	55.0	118.0
XFHCL4-R22M	0.22	0.8	100	51.0	110.0
XFHCL4-R33M	0.33	1.1	100	42.0	80.0
XFHCL4-R47M	0.47	1.3	100	38.0	65.0
XFHCL4-R56M	0.56	1.6	100	36.0	55.0
XFHCL4-R68M	0.68	1.7	100	34.0	54.0
XFHCL4-R82M	0.82	2.3	100	31.0	53.0
XFHCL4-1R0M	1.0	2.65	100	29.0	50.0
XFHCL4-1R2M	1.2	3.3	100	27.0	49.0
XFHCL4-1R5M	1.5	4.1	100	23.0	48.0
XFHCL4-1R8M	1.8	4.7	100	22.0	40.0
XFHCL4-2R2M	2.2	5.5	100	20.0	32.0
XFHCL4-3R3M	3.3	7.7	100	15.0	32.0
XFHCL4-4R7M	4.7	15.0	100	12.0	27.0
XFHCL4-5R6M	5.6	16.5	100	11.5	22.0
XFHCL4-6R8M	6.8	18.5	100	11.0	21.0
XFHCL4-7R8M	7.8	20.5	100	10.0	15.0
XFHCL4-8R2M	8.2	22.5	100	9.5	18.0
XFHCL4-100M	10.0	25.5	100	9.0	13.0

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 drop 30% Typ 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:  $\pm 0.004''$ (0.102mm)
12. Tape & Reel Packaging Standard, 250 Pcs per 13"Reel
13. RoHS Compliant Component
14. Outsourced item processed & controlled under XFMR5 QA system