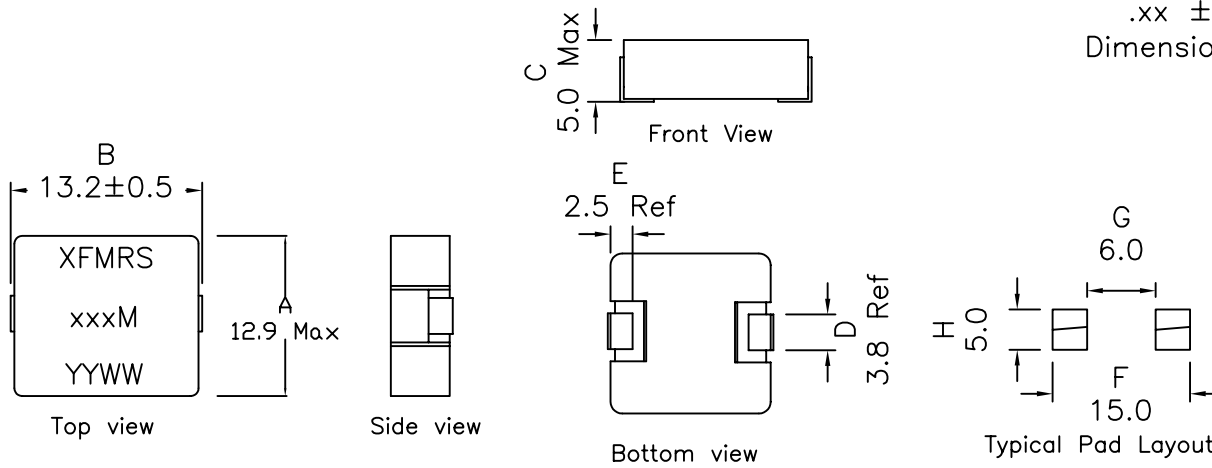


## XFHCL4-XXX SERIES INDUCTOR

### Mechanical Dimensions:

TOLERANCE:  
.xx ±0.25  
Dimensions in MM



Part Number	INDUCTANCE ( $\mu\text{H} \pm 20\%$ ) @0.25V, 0A	DCR (Max) mOhms	Test Frequency (KHz)	Rated Current <sup>1</sup> (A)	Saturation Current <sup>2</sup> (A)	
XFHCL4-R10	0.10	0.6	100	55.0	118.0	
XFHCL4-R22	0.22	0.8	100	51.0	110.0	
XFHCL4-R33	0.33	1.1	100	42.0	80.0	
XFHCL4-R47	0.47	1.3	100	38.0	65.0	
XFHCL4-R56	0.56	1.5	100	36.0	55.0	
XFHCL4-R68	0.68	1.7	100	34.0	54.0	
XFHCL4-R82	0.82	2.3	100	31.0	53.0	
XFHCL4-1R0	1.0	2.5	100	29.0	50.0	
XFHCL4-1R5	1.5	4.1	100	23.0	48.0	
XFHCL4-2R2	2.2	5.5	100	20.0	32.0	
XFHCL4-3R3	3.3	9.2	100	15.0	32.0	
XFHCL4-4R7	4.7	15.0	100	12.0	27.0	
XFHCL4-5R6	5.6	16.5	100	11.5	22.0	
XFHCL4-6R8	6.8	18.5	100	11.0	21.0	
XFHCL4-7R8	7.8	20.5	100	10.0	18.0	
XFHCL4-8R2	8.2	22.5	100	9.5	18.0	
XFHCL4-100	10.0	25.5	100	9.0	16.0	

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 20% Max from its value without current
3. Electrical specifications at 25°C
4. Solderability: Leads shall meet MIL-STD-202, Method 208D 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. Tape & Reel Packaging Standard, 250 Pcs per 13"Reel
13. RoHS Compliant Component