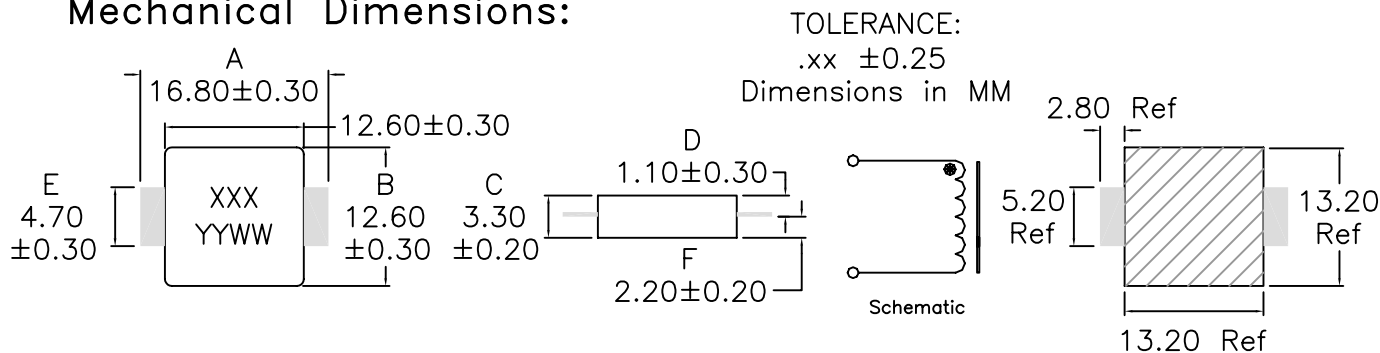


XFHCL4MM-xxxx Series Shielded Inductor

Mechanical Dimensions:



Part Number	L (uH)	RDC (mOhms)Typical	RDC (mOhms)Max	Isat (A)	Irms (A)
XFHCL4MM-R10N	0.10±30%	0.36	0.43	84	43
XFHCL4MM-R15N	0.15±30%	0.40	0.48	75	41
XFHCL4MM-R22M	0.22±20%	0.70	0.81	65	38.5
XFHCL4MM-R33M	0.33±20%	0.85	1.00	62	36.5
XFHCL4MM-R47M	0.47±20%	1.20	1.80	55	32
XFHCL4MM-R60M	0.60±20%	1.50	2.20	51	29
XFHCL4MM-R68M	0.68±20%	1.90	2.50	49	28
XFHCL4MM-R82M	0.82±20%	2.20	3.00	44	25
XFHCL4MM-1R0M	1.0±20%	2.70	3.50	40	24
XFHCL4MM-1R5M	1.5±20%	4.80	5.50	35	19
XFHCL4MM-1R8M	1.8±20%	5.20	7.00	30	17
XFHCL4MM-2R2M	2.2±20%	6.30	8.00	29	16
XFHCL4MM-3R3M	3.3±20%	11.0	13.5	27	12
XFHCL4MM-4R7M	4.7±20%	15.3	18.5	24	10
XFHCL4MM-5R6M	5.6±20%	18.0	22.0	19	9.5
XFHCL4MM-6R8M	6.8±20%	20.0	24.0	18	9
XFHCL4MM-8R2M	8.2±20%	23.0	28.0	16	8.5
XFHCL4MM-100M	10±20%	29.0	34.0	14	7

Notes:

1. Measurement frequency of Inductance value: at 100KHz
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. I rms: Average current for 40°C temperature rise from 25°C ambient(typical)
5. Inductance tolerance: M:±20%
6. Packaging: Taping; 500 Piece/reel
7. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
8. Flammability: UL94V-0
9. ASTM oxygen index: > 28%
10. Insulation System: Class F 155°C. UL file E151556
11. Operating Temperature Range: All listed parameters are to be within tolerance from -55°C to +125°C
12. Storage Temperature Range: -55°C to +125°C
13. Aqueous wash compatible
14. SMD Lead Coplanarity: ±0.004"(0.102mm)
15. Electrical and mechanical specifications 100% tested
16. RoHS Compliant Component