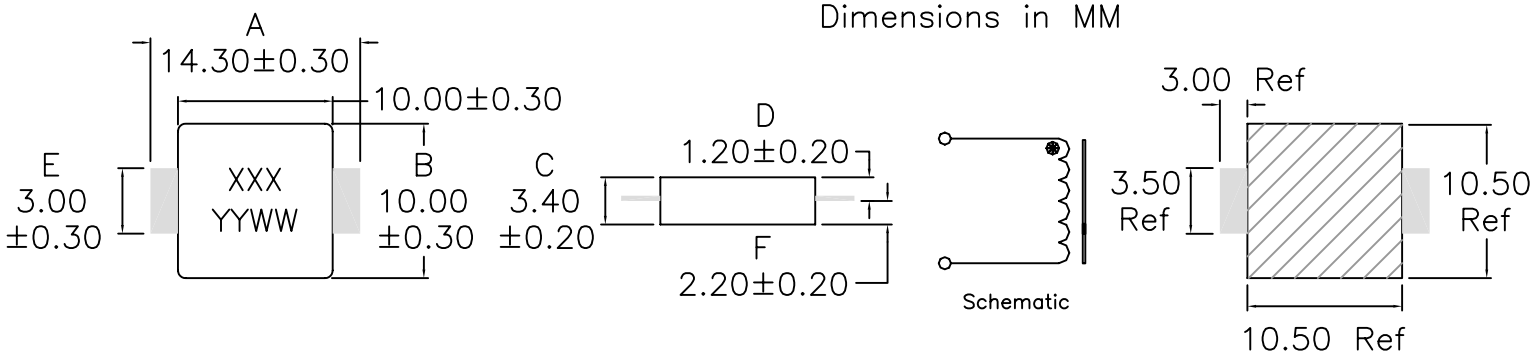
XFMRS

XFHCL11MM-xxxx Series Shielded Inductor

Mechanical Dimensions:

TOLERANCE:
.xx ±0.25
Dimensions in MM



Part Number	L (uH)	RDC (mOhms)Typical	RDC (mOhms)Max	Isat (A)	Irms (A)
XFHCL11MM-R10N	0.10±30%	0.33	0.40	75.0	41.5
XFHCL11MM-R15M	0.15±30%	0.70	0.98	66.0	36.5
XFHCL11MM-R22M	0.22±20%	1.22	1.32	58.0	31.5
XFHCL11MM-R33M	0.33±20%	1.80	2.22	50.5	28.0
XFHCL11MM-R47M	0.47±20%	1.80	2.40	42.0	24.0
XFHCL11MM-R56M	0.56±20%	2.40	2.82	39.0	21.5
XFHCL11MM-R68M	0.68±20%	3.00	3.32	36.0	20.0
XFHCL11MM-R82M	0.82±20%	3.10	3.44	35.5	19.5
XFHCL11MM-1R0M	1.0±20%	3.46	3.74	34.0	18.5
XFHCL11MM-1R5M	1.5±20%	5.41	5.84	27.0	15.0
XFHCL11MM-3R3M	3.3±20%	14.4	15.5	16.5	9.0
XFHCL11MM-4R7M	4.7±20%	21.8	23.5	13.5	7.5

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. Irms: Average current for 40°C temperature rise form 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