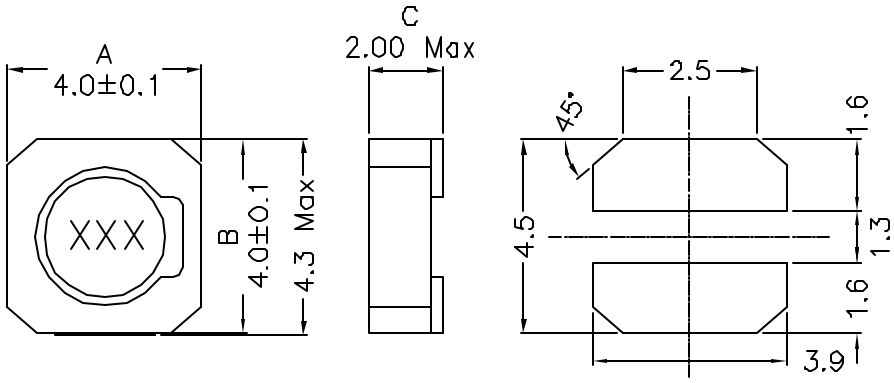
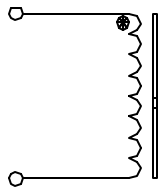
XFMRS

XFTPRH4020 SERIES INDUCTOR

Mechanical Dimensions:



Schematic:



UNLESS OTHERWISE SPECIFIED
TOLERANCES:
.xx ±0.30
Dimensions in MM

Part Number	OCL (1) (uH)	DCR (2)		Rated Current(A)	
		Max	Typ	Based on inductance change Max	Based on temperature rise typ
XFTPRH4020-1R8_	1.8	0.051	0.046	1.97	2.37
XFTPRH4020-2R2_	2.2	0.059	0.054	1.72	2.19
XFTPRH4020-3R3_	3.3	0.078	0.071	1.52	1.94
XFTPRH4020-4R7_	4.7	0.098	0.089	1.24	1.71
XFTPRH4020-6R8_	6.8	0.131	0.119	1.05	1.47
XFTPRH4020-100_	10	0.185	0.168	0.85	1.22
XFTPRH4020-150_	15	0.303	0.275	0.68	1.0
XFTPRH4020-220_	22	0.431	0.391	0.56	0.8
XFTPRH4020-270_	27	0.496	0.451	0.48	0.8
XFTPRH4020-330_	33	0.628	0.571	0.47	0.69
XFTPRH4020-470_	47	0.934	0.849	0.39	0.56
XFTPRH4020-101_	100	1.4	1.308	0.26	0.45

Notes:

1. OCL Test Parameters: 100KHz, 0.1Vrms, 0.0Adc
2. Values @ 20°C
3. Inductance drop=35% typ At IDC
   Inductance Tolerance: (J: ±5%, K: ±10%, M: ±20%, N: ±30%)
4. Magnetically Shielded
5. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
6. Flammability: UL94V-0
7. ASTM oxygen index: > 28%
8. Insulation System: Class F 155°C. UL file E151556
9. Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
10. Storage Temperature Range: -55°C to +125°C
11. Aqueous wash compatible
12. SMD Lead Coplanarity: ±0.004"(0.102mm)
13. Electrical and mechanical specifications 100% tested
14. RoHS Compliant Component