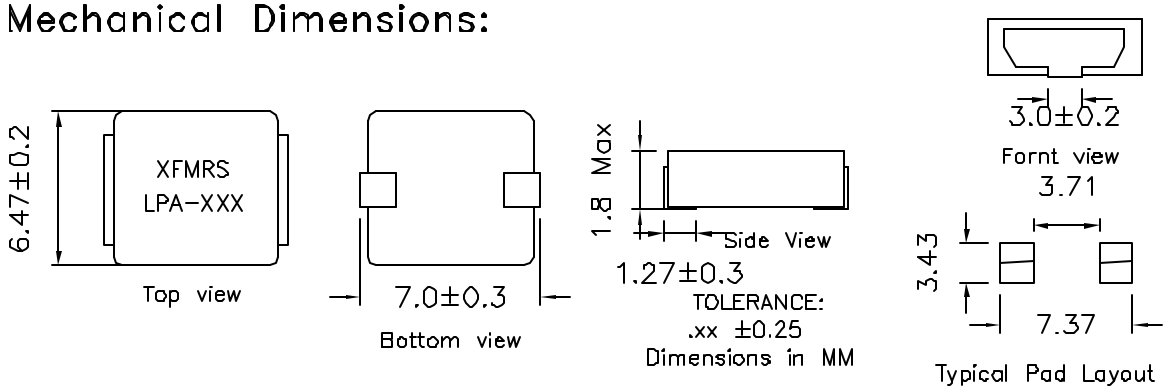
XFHCL6LPA-XXX SERIES INDUCTOR

Mechanical Dimensions:



Part Number	INDUCTANCE (uH±20%)	DCR (Max) mOhms	Rated Current[1] (Amps)	Saturation Current[2] (Amps)
XFHCL6LPA-R10	0.10	3.5	18	40
XFHCL6LPA-R15	0.15	5.2	15	38
XFHCL6LPA-R22	0.22	5.7	14	26
XFHCL6LPA-R33	0.33	7.0	12	18
XFHCL6LPA-R47	0.47	9.3	11	18
XFHCL6LPA-R68	0.68	13.9	9	17
XFHCL6LPA-R82	0.82	15.9	8	17
XFHCL6LPA-1R0	1.0	18.3	7	14
XFHCL6LPA-1R5	1.5	34.0	4	11.5
XFHCL6LPA-2R2	2.2	46.0	3.75	13
XFHCL6LPA-2R5	2.5	52.4	3.5	10.4
XFHCL6LPA-3R3	3.3	60.1	3.25	10
XFHCL6LPA-4R7	4.7	78.0	3	8

Notes:

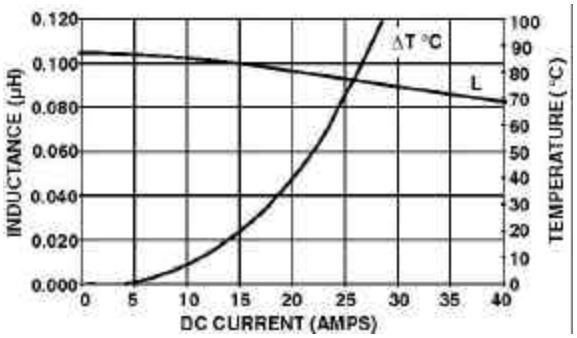
1. Irated is the DC current at which the Temp increases by 40°C from its initial value.
2. Isat is the DC current at which the inductance drops 20% Max from its value without curent.
3. Electrical specifications at 25°C
4. Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
5. 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: ±0.004"(0.102mm)
12. Electrical and mechanical specifications 100% tested
13. RoHS Compliant Component
14. Tape & Reel Packaging Standard, 1000 Pcs. / 13" Reel

XFMRS INC
7570 E. Landersdale Road • Camby, Indiana 46113 • TEL. (317) 834-1066 • FAX: (317) 834-1067

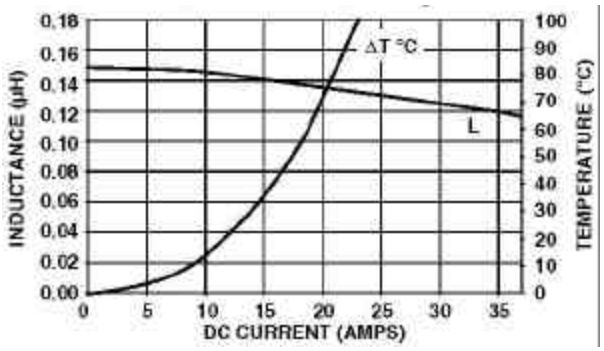
XFHCL6LPA–XXX SERIES INDUCTOR

Mechanical Dimensions:

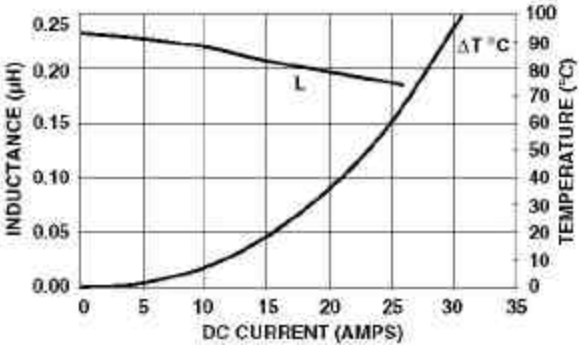
XFHCL6LPA–R10



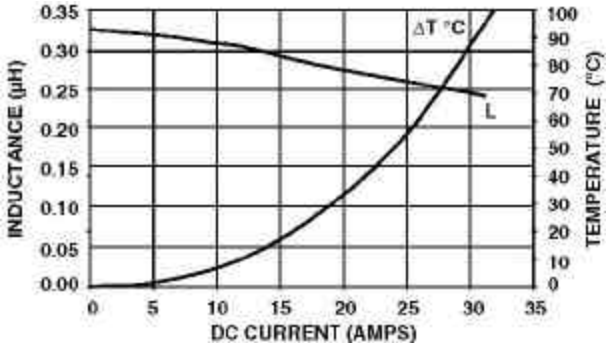
XFHCL6LPA–R15



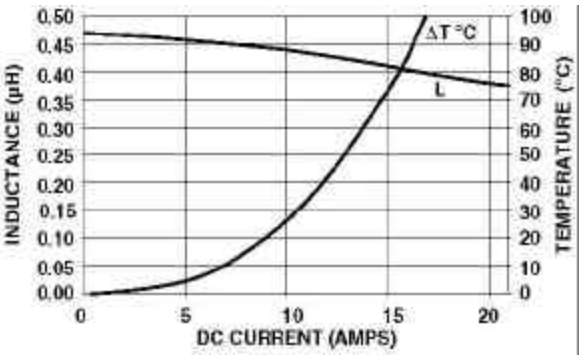
XFHCL6LPA–R22



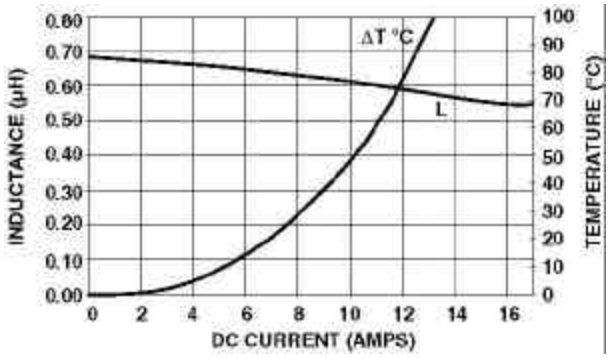
XFHCL6LPA–R33



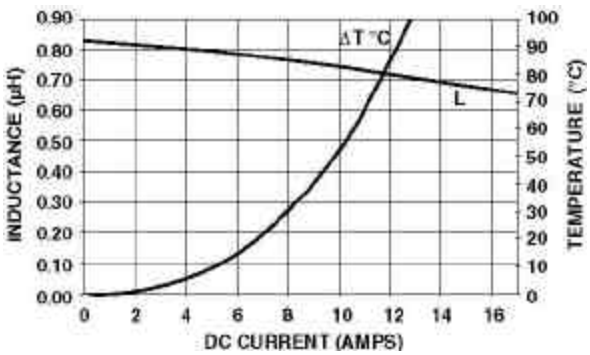
XFHCL6LPA–R47



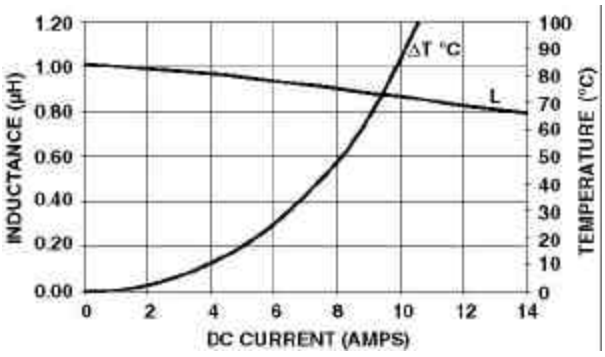
XFHCL6LPA–R68



XFHCL6LPA–R82



XFHCL6LPA–1R0

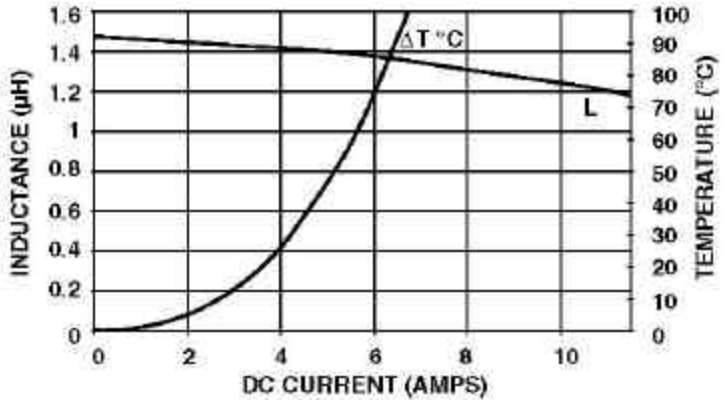


XFMRS INC
7570 E. Landersdale Road • Camby, Indiana 46113 • TEL. (317) 834–1066 • FAX: (317) 834–1067

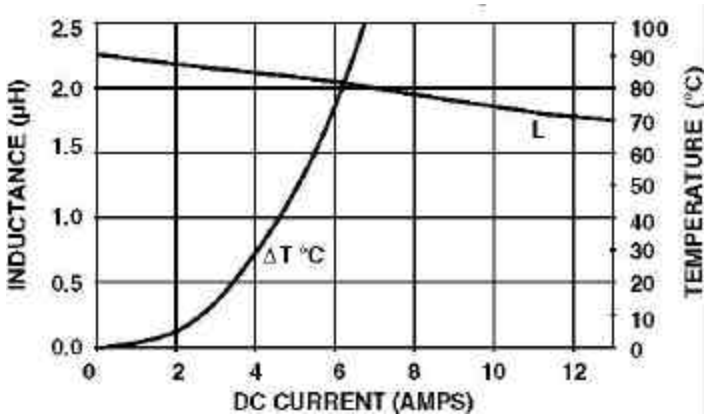
XFHCL6LPA-XXX SERIES INDUCTOR

Mechanical Dimensions:

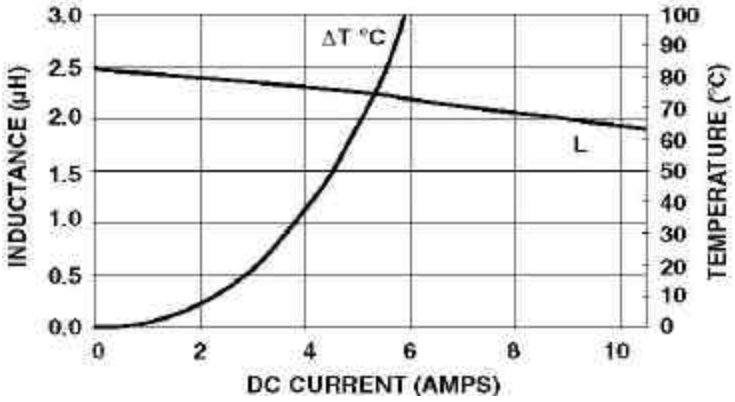
XFHCL6LPA-1R5



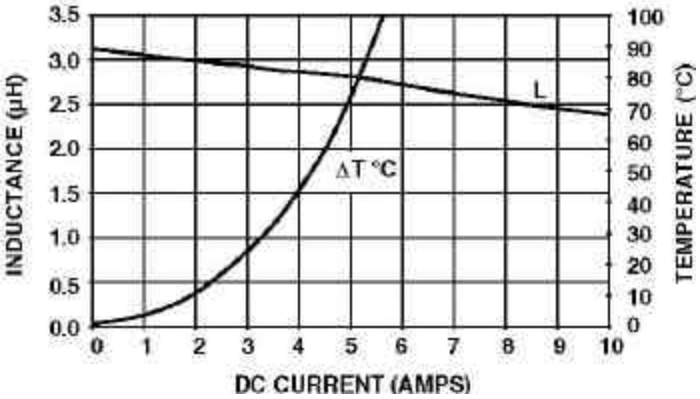
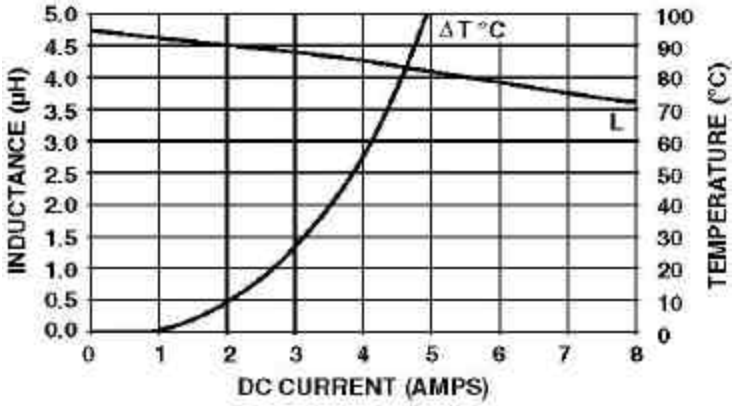
XFHCL6LPA-2R2



XFHCL6LPA-2R5



XFHCL6LPA-3R3



XFHCL6LPA-4R7