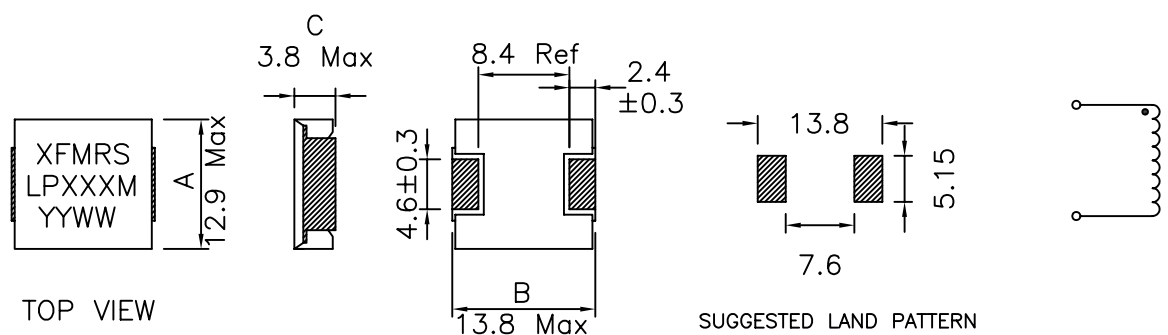


XFHCL4LP-XXX SERIES INDUCTOR

Mechanical Dimensions:



TOLERANCE:

.xx ±0.25

Dimensions in MM

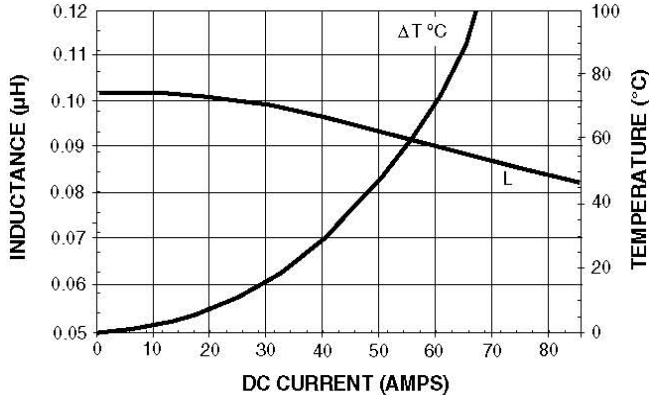
Part Number	INDUCTANCE ($\mu\text{H} \pm 20\%$) @100KHz 0.10V, 0A	DCR (Typ) mOhms	DCR (Max) mOhms	Rated Current 11 (A)	Saturation Current 12 (A)
XFHCL4LP-R10M	0.10	0.8	0.96	43	84
XFHCL4LP-R15M	0.15	1.0	1.2	41	75
XFHCL4LP-R22M	0.22	1.1	1.3	38.5	65
XFHCL4LP-R33M	0.33	1.3	1.5	38.5	62
XFHCL4LP-R47M	0.47	1.6	2.0	32	55
XFHCL4LP-R60M	0.60	1.8	2.2	29	51
XFHCL4LP-R68M	0.68	2.3	2.5	28	49
XFHCL4LP-R82M	0.82	2.6	3.0	25	44
XFHCL4LP-1R0M	1.0	3.3	3.5	24	40
XFHCL4LP-1R5M	1.5	5.1	5.5	19	35
XFHCL4LP-1R8M	1.8	6.0	7.0	16.5	30
XFHCL4LP-2R2M	2.2	7.2	8.0	16	29
XFHCL4LP-3R3M	3.3	11	12.0	12	27
XFHCL4LP-4R7M	4.7	14.3	15.0	10	24
XFHCL4LP-5R6M	5.6	17.1	18.0	9.5	19
XFHCL4LP-6R8M	6.8	19.8	22.0	9	18
XFHCL4LP-8R2M	8.2	24.8	28.0	8.5	16
XFHCL4LP-100M	10	30.4	34.0	7	14

Notes:

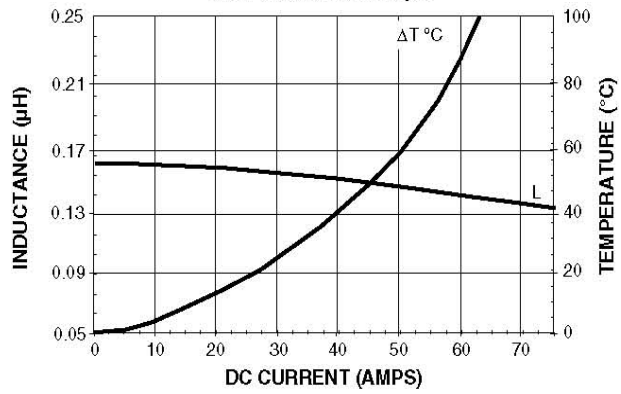
- Solderability: Leads shall meet MIL-STD-202G, Method 208H for solderability.
- Flammability: UL94V-0
- ASTM oxygen index: > 28%
- Insulation System: Class F 155°C. UL file E151556
- Operating Temperature Range: All listed parameters are to be within tolerance from -40°C to +85°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: $\pm 0.004"$ (0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- DC current (A) that will cause an approximate of 40°C
- DC current (A) that will cause L_o to drop approximately 20%

XFHCL4LP-XXX SERIES INDUCTOR

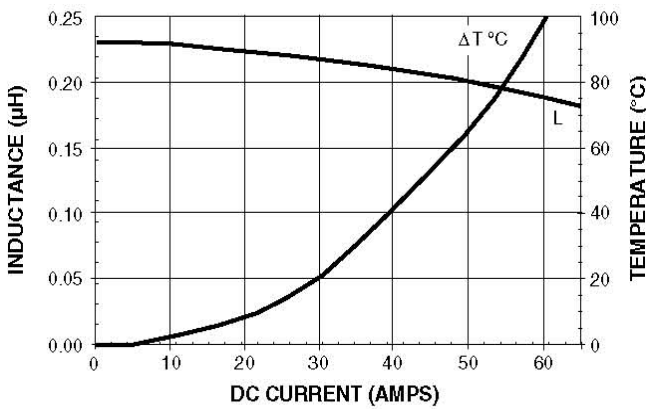
XFHCL4LP-R10M



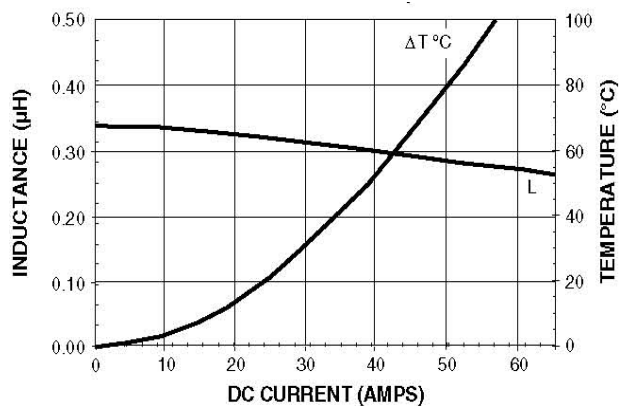
XFHCL4LP-R15M



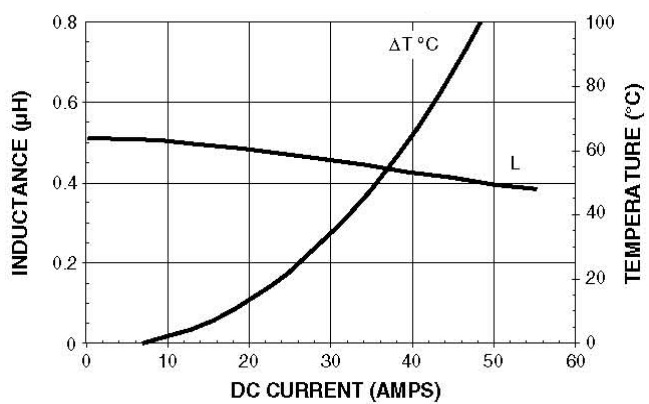
XFHCL4LP-R22M



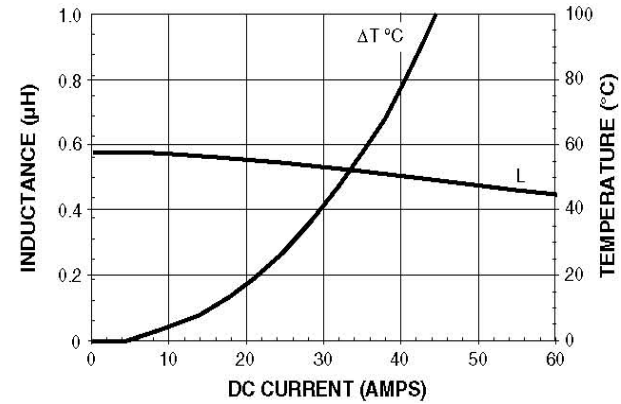
XFHCL4LP-R33M



XFHCL4LP-R47M

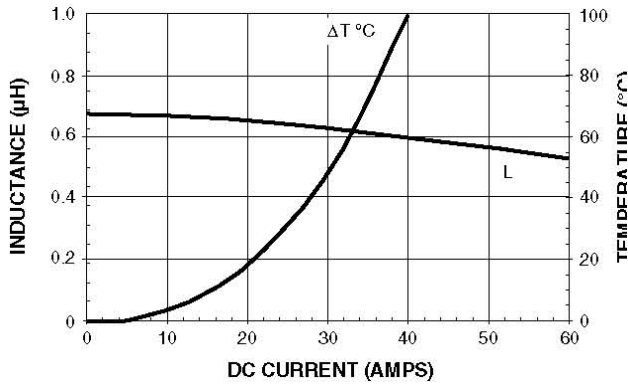


XFHCL4LP-R60M

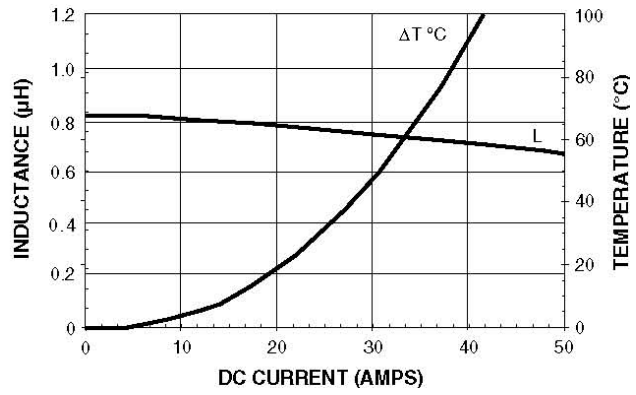


XFHCL4LP-XXX SERIES INDUCTOR

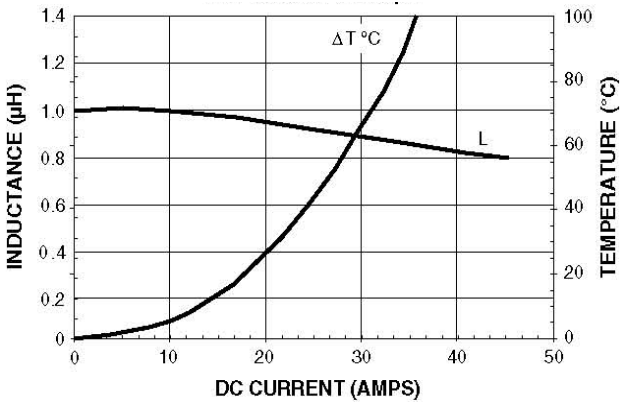
XFHCL4LP-R68M



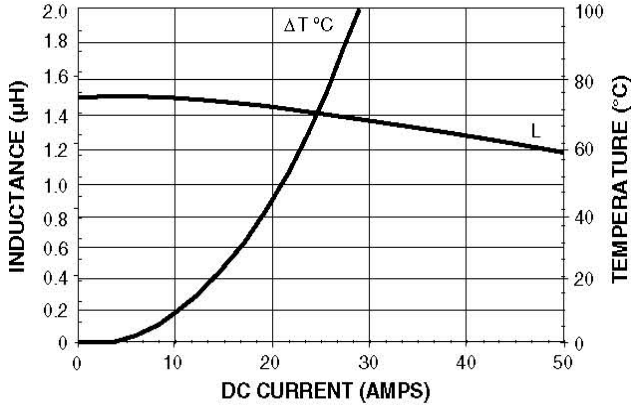
XFHCL4LP-R82M



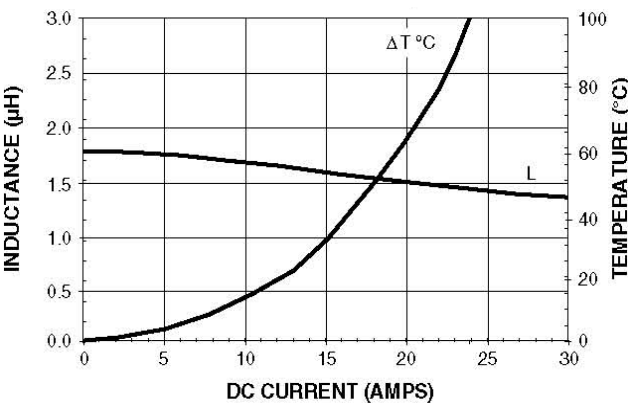
XFHCL4LP-1R0M



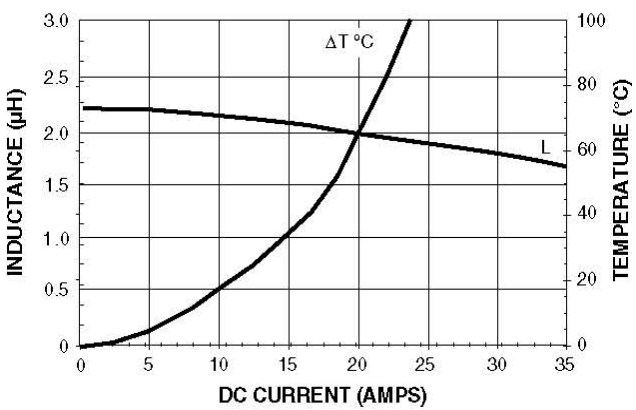
XFHCL4LP-1R5M



XFHCL4LP-1R8M

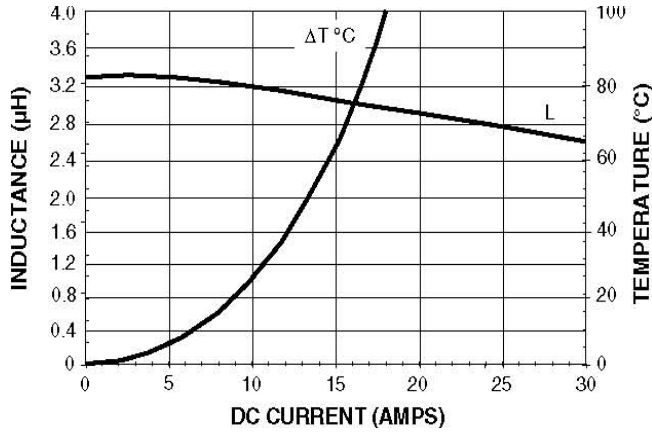


XFHCL4LP-2R2M

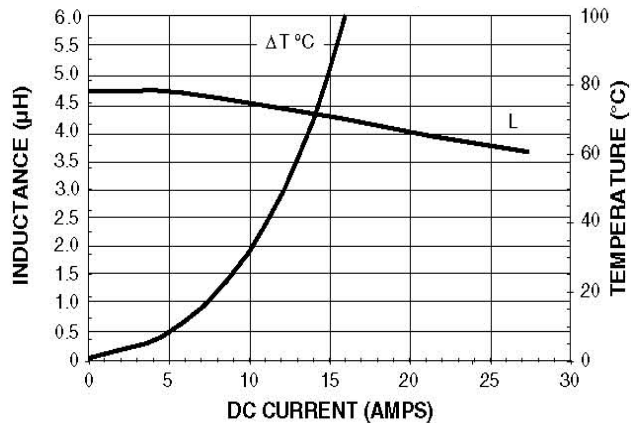


XFHCL4LP-XXX SERIES INDUCTOR

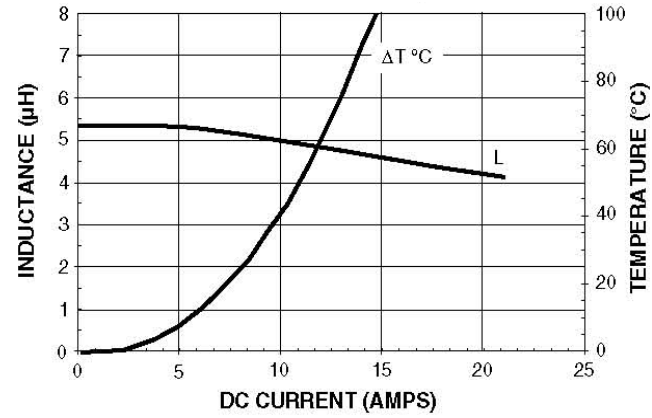
XFHCL4LP-3R3M



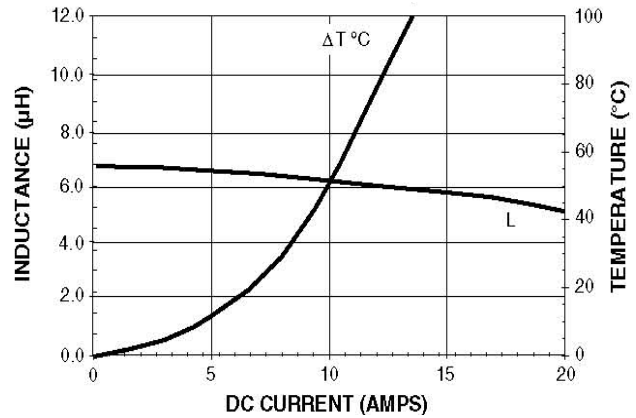
XFHCL4LP-4R7M



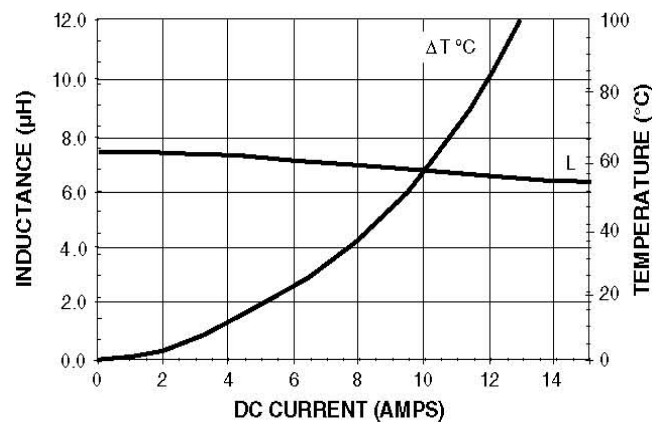
XFHCL4LP-5R6M



XFHCL4LP-6R8M



XFHCL4LP-8R2M



XFHCL4LP-100M

