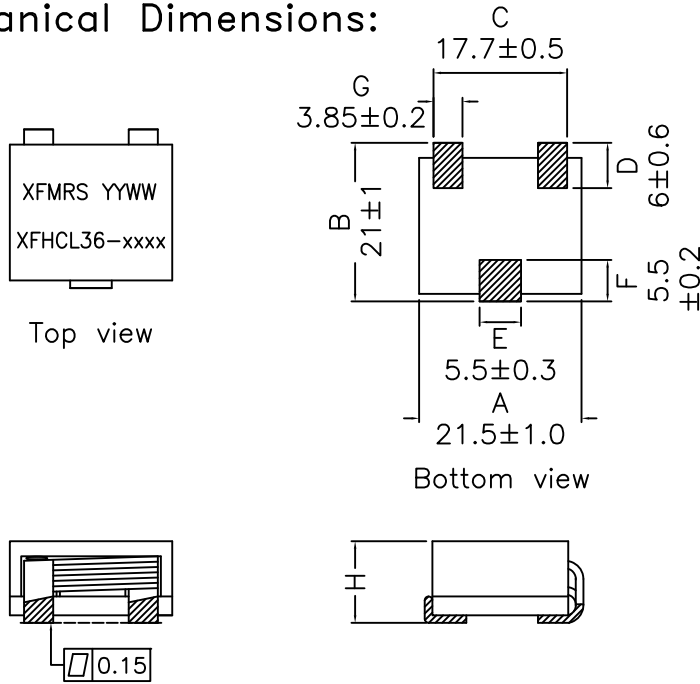
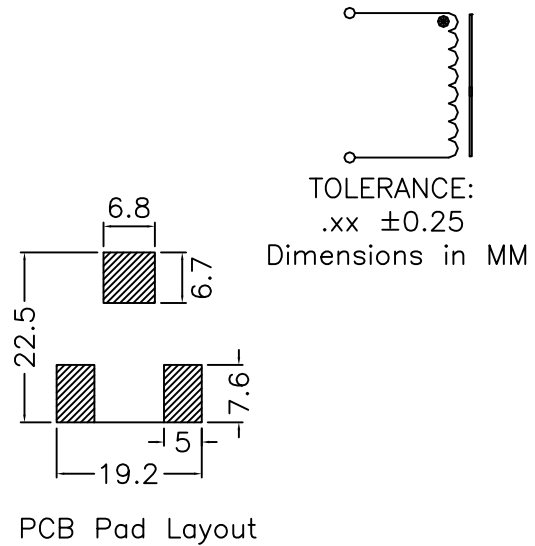


XFHCL36 SERIES INDUCTORS

Mechanical Dimensions:



Schematic:



Part Number	L (uH)±20%	L at Isat uH	Isat A	RDC (max) mOhms	RDC (typ) mOhms	Height h (Max.) mm	SRF (MHz) Min
XFHCL36-1R0M	1.0	0.75	50.0	0.62	0.55	9.8	2.0
XFHCL36-1R5M	1.5	1.10	50.0	0.9	0.78	10.8	2.0
XFHCL36-2R2M	2.2	1.60	43.0	1.2	1.0	12.2	2.0
XFHCL36-3R3M	3.3	2.50	34.0	1.5	1.28	13.2	2.0
XFHCL36-4R7M	4.7	3.50	22.0	2.6	2.15	9.8	2.0
XFHCL36-6R8M	6.8	5.10	19.0	2.9	2.68	9.8	2.0
XFHCL36-100M	10.0	7.50	18.3	3.9	3.74	10.8	2.0
XFHCL36-150M	15.0	11.2	15.3	4.9	4.65	12.2	2.0
XFHCL36-200M	20.0	14.9	14.3	6.4	6.0	14.2	2.0
XFHCL36-290M	29.0	21.5	11.0	7.0	6.65	14.2	2.0
XFHCL36-350M	35.0	26.0	9.3	7.0	6.65	14.2	2.0

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 +150°C
- Storage Temperature Range: -55°C to +125°C
- Aqueous wash compatible
- SMD Lead Coplanarity: ±0.004"(0.102mm)
- Electrical and mechanical specifications 100% tested
- RoHS Compliant Component
- Recommended IR Reflow peak temp of 250°C Max.
- Inductance frequency: 100KHz, 0.1V
- Saturation current: 10-15% drop in inductance values