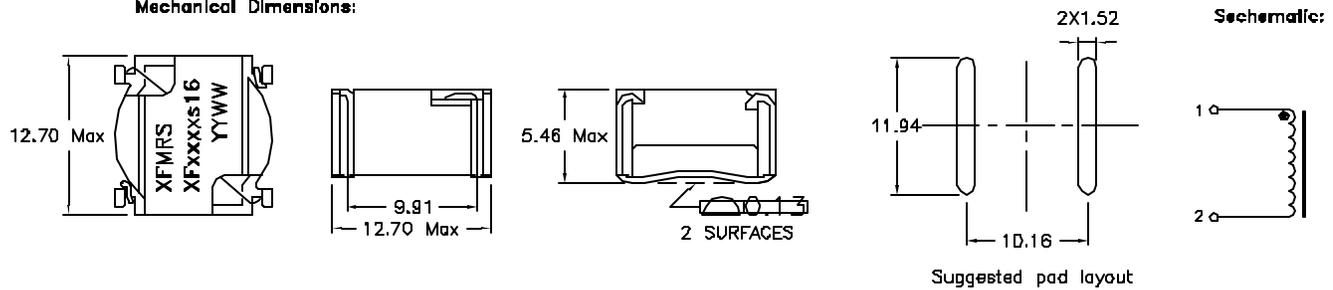


## XFxxxxS16 SERIES INDUCTORS

- \* True Surface Mount Design
- \* Low Cost, Extremely High Quality Product
- \* Tape & Reel Packaging Standard, 450 Pcs per 13" Reel
- \* High Inductance, High Power Ratings For Your Laptop, Palmtop, Point of Power Application
- \* Custom Versions Available At No Extra Charge

### Mechanical Dimensions:



Dimensions: mm  
Unless otherwise specified all tolerances are  $\pm 0.25$

Part Number	Reference Values			Control Values		Calculation Data	
	I <sub>dc</sub> (amp)	L@dc L <sub>dc</sub> (uH)	ET (V-usec)	L <sub>w/o dc</sub> L <sub>o</sub> ±20% (uH)	DCR(nom) R <sub>n</sub> +15% Max (mDhms)	100 Gauss ET 100 (V-usec)	1 Amp DC H1 (Orsted)
XF0106S16	3.80	9.4	15.2	10.4	27	2.65	11.95
XF0156S16	3.13	13.3	18.8	14.6	40	3.13	14.12
XF0256S16	2.43	23	24.3	25	65	4.10	18.46
XF0566S16	1.65	50	37.0	56	121	6.15	27.69
XF0836S16	1.35	75	44.3	83	181	7.47	33.67
XF1006S16	1.23	90	49.2	100	246	8.19	36.93
XF1526S16	0.99	137	59.4	152	387	10.12	45.61
XF2206S16	0.81	200	71.3	220	585	12.17	54.85
XF3316S16	0.65	305	85.8	331	845	14.94	67.34
XF4726S16	0.53	439	99.6	472	1322	17.83	80.37

OCL tested at 10KHz, 0.1V