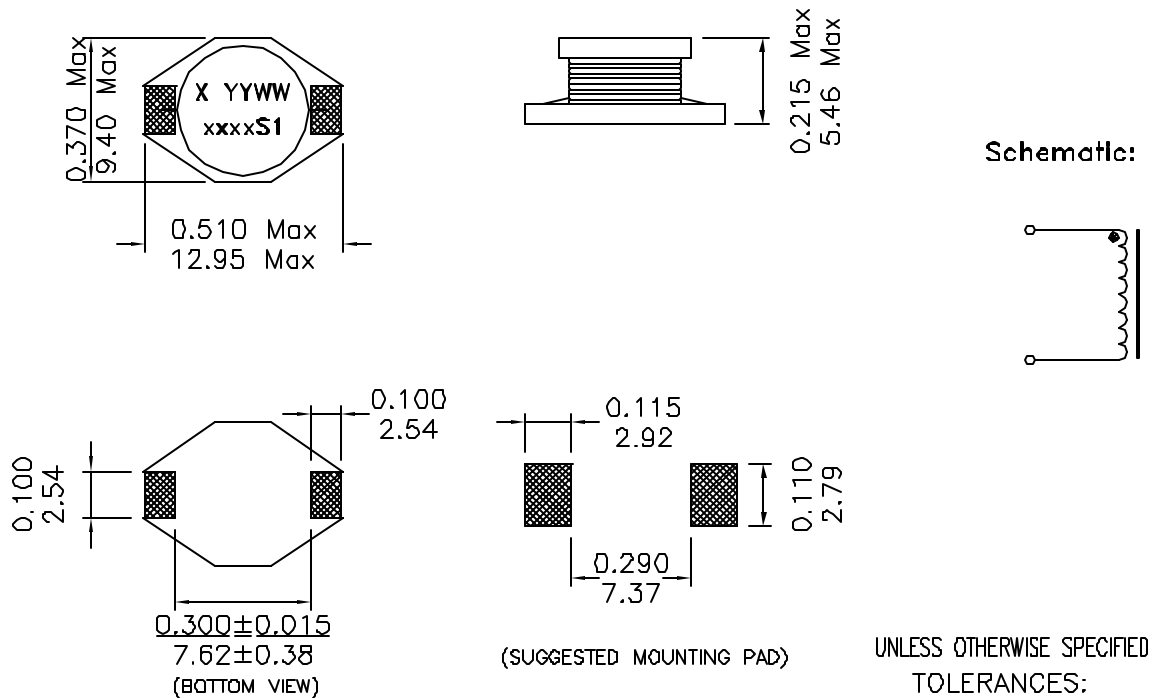


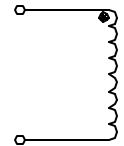
## XFSMD1 SERIES INDUCTORS

- \* True Surface Mount Design
- \* Low Cost, Extremely High Quality Product
- \* Tape & Reel Packaging Standard, 650 Pcs per 13"Reel
- \* High Inductance, High Power Ratings For Your Laptop, Palmtop, Point of Power Application
- \* Custom Versions Available At No Extra Charge
- \* RoHS Compliant

### Mechanical Dimensions:



### Schematic:



UNLESS OTHERWISE SPECIFIED  
TOLERANCES:  
.xxx ±0.010 INCH  
Dimensions in INCH/MM

## XFSD1 SERIES INDUCTORS

### Electrical Specifications @ 25°C:

Part Number	INDUCTANCE μH ±20%	DCR Ohms Max	ISAT (A)	IRMS (A)	SRF (MHz) Typ
XF0016S1	1.0	0.009	9.0	6.8	100
XF0157S1	1.5	0.010	8.0	6.4	90
XF0026S1	2.2	0.012	7.0	6.1	80
XF0337S1	3.3	0.015	6.4	5.4	65
XF0477S1	4.7	0.018	5.4	4.8	45
XF0687S1	6.8	0.027	4.6	4.4	38
XF0106S1	10	0.038	3.8	3.9	30
XF0156S1	15	0.046	3.0	3.1	27
XF0226S1	22	0.085	2.3	2.7	19
XF0336S1	33	0.10	2.0	2.1	15
XF0476S1	47	0.14	1.6	1.8	12
XF0686S1	68	0.20	1.4	1.5	10
XF1006S1	100	0.28	1.2	1.3	9
XF1506S1	150	0.40	1.0	1.0	6
XF2206S1	220	0.61	0.8	0.8	5
XF3306S1	330	1.02	0.6	0.6	4.5
XF4706S1	470	1.27	0.5	0.5	3.5
XF6806S1	680	2.02	0.4	0.4	2.5
XF0013S1	1000	3.00	0.3	0.3	2

OCL TEST CONDITIONS: 100KHz 100mV

OCL DROP 10% TYP. AT Isat