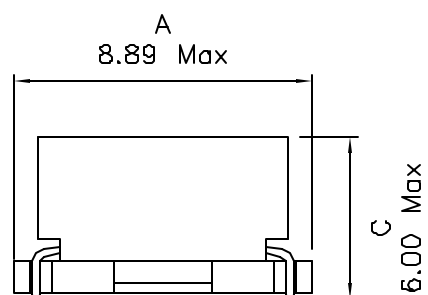
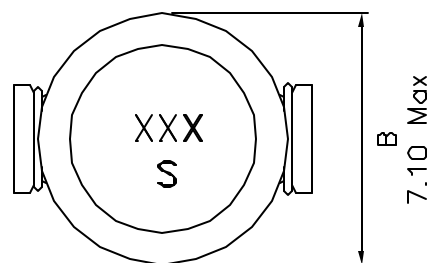
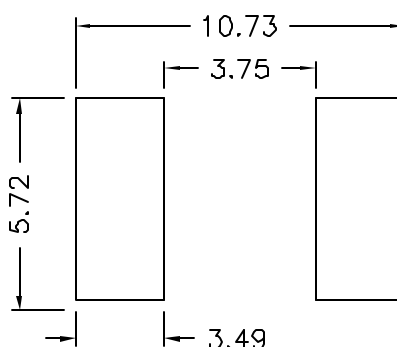
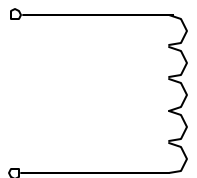


XF0SH1M SERIES SHIELDED INDUCTORS

1. Mechanical Dimensions:



2. Schematic:



PCB LAYOUT

UNLESS OTHERWISE SPECIFIED
 TOLERANCES:
 .xx ±0.25 MM
 Dimensions in MM

Part Number	INDUCTANCE ⁽¹⁾ uH (RATED)	OCL ⁽²⁾ uH±20%	I _{rms} ⁽³⁾ Amperes	I _{SAT} ⁽⁴⁾ Amperes	DCR Ohms Max	Marking
XF00047SH1M	0.496	0.592	4.4	5.5	0.005	477
XF00100SH1M	1.04	1.314	2.5	3.5	0.012	106
XF00150SH1M	1.51	1.832	2.3	3.1	0.017	156
XF00220SH1M	1.95	2.44	2.0	2.6	0.020	226
XF00330SH1M	2.50	3.862	1.9	2.5	0.028	336
XF00470SH1M	4.30	4.73	1.4	1.6	0.037	476
XF00680SH1M	6.52	7.665	1.1	1.5	0.050	686
XF01000SH1M	9.18	12.05	0.9	1.2	0.070	105
XF01500SH1M	13.73	14.87	0.7	1.0	0.088	155
XF02200SH1M	20.15	23.82	0.6	0.8	0.150	225
XF03300SH1M	30.80	37.50	0.5	0.7	0.210	335
XF04700SH1M	48.62	52.25	0.4	0.5	0.280	475
XF06800SH1M	72.30	74.65	0.3	0.4	0.430	685
XF10000SH1M	107.48	102.3	0.2	0.3	0.700	104

(1) Inductance test @1KHz 1Vrms With DC

(2) Open Circuit Inductance Test Parameter @100KHz 0.250Vrms 0.0Adc

(3) RMS Current for an Approximate ΔT of 40°C, at an Ambient Temperature of 85°C

(4) Peak Current For Approximate 10% Rolloff

(5) Tape & Reel Packaging Standard, 900 Pcs per 13"Reel