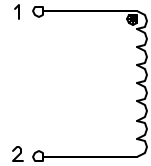


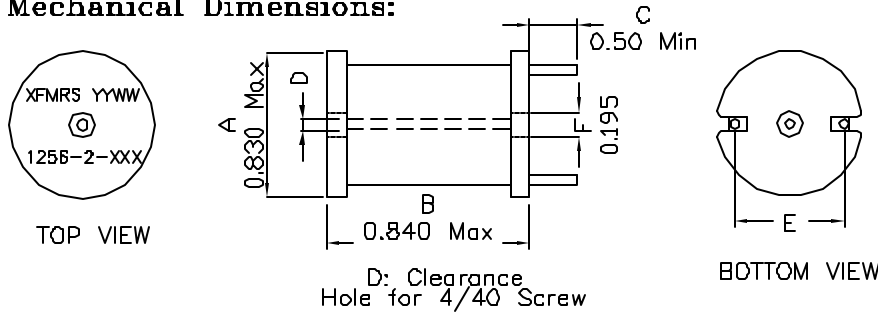
## XFRL-1256-2 SERIES INDUCTORS

1. OCL drop 5% Typ at Isat
2. Temp Rise of 40°C Typ at Irated
3. Inductance  $\pm 10\%$  measured at 1KHz, values below 10uH $\pm 20\%$
4. Leads for PC mounting tinned to within 1/16" of body
5. Custom values available upon request
6. Coils wrapped with sleeving UL-VW-1 rated
7. Center hole for mechanical mounting
8. 1000VAC Hypot (Wdg to Core through Sleeve)
9. DCR measured @20°C
10. Spacer available at additional cost to facilitate PC board washing.
11. Operating Temp -40°C to +85°C at full rated current.
12. RoHS compliant component.

### Schematic:



### Mechanical Dimensions:



TOLERANCES:  
 .xxx  $\pm$  0.010  
 Dimensions in INCH

Part Number	INDUCTANCE <sup>3</sup> (uH)	DCR <sup>9</sup> Ohms Max	Isat <sup>1</sup> (A)	Irated <sup>2</sup> (A)	Dimension E Typ
XFRL-1256-2-1.0	1.0	0.003	108.0	11.4	0.620
XFRL-1256-2-1.2	1.2	0.003	108.0	11.4	0.620
XFRL-1256-2-1.5	1.5	0.003	83.0	11.4	0.620
XFRL-1256-2-1.8	1.8	0.003	68.0	11.4	0.620
XFRL-1256-2-2.2	2.2	0.004	68.0	11.4	0.620
XFRL-1256-2-2.7	2.7	0.005	58.0	11.4	0.620
XFRL-1256-2-3.3	3.3	0.005	58.0	11.4	0.620
XFRL-1256-2-3.9	3.9	0.005	50.0	11.4	0.620
XFRL-1256-2-4.7	4.7	0.005	50.0	11.4	0.620
XFRL-1256-2-5.6	5.6	0.006	44.0	11.4	0.620
XFRL-1256-2-6.8	6.8	0.007	39.0	11.4	0.620
XFRL-1256-2-8.2	8.2	0.007	36.0	11.4	0.620
XFRL-1256-2-10	10.0	0.009	30.0	11.4	0.620
XFRL-1256-2-12	12.0	0.009	27.0	11.4	0.620
XFRL-1256-2-15	15.0	0.013	25.0	9.0	0.625
XFRL-1256-2-18	18.0	0.018	22.0	7.2	0.630
XFRL-1256-2-22	22.0	0.019	21.0	7.2	0.630
XFRL-1256-2-27	27.0	0.026	20.5	5.5	0.546
XFRL-1256-2-33	33.0	0.029	18.6	5.5	0.546
XFRL-1256-2-39	39.0	0.030	17.0	5.5	0.594
XFRL-1256-2-47	47.0	0.035	15.1	5.5	0.625
XFRL-1256-2-56	56.0	0.039	13.6	5.5	0.625
XFRL-1256-2-68	68.0	0.053	12.7	4.8	0.656
XFRL-1256-2-82	82.0	0.060	11.3	4.8	0.656
XFRL-1256-2-100	100.0	0.080	10.4	4.0	0.593
XFRL-1256-2-120	120.0	0.090	9.4	4.0	0.593
XFRL-1256-2-150	150.0	0.098	8.6	4.0	0.593
XFRL-1256-2-180	180.0	0.110	8.1	4.0	0.593
XFRL-1256-2-220	220.0	0.150	7.0	2.8	0.593
XFRL-1256-2-270	270.0	0.213	6.3	2.0	0.562
XFRL-1256-2-330	330.0	0.305	5.2	1.6	0.590
XFRL-1256-2-390	390.0	0.320	4.9	1.6	0.590
XFRL-1256-2-470	470.0	0.355	4.5	1.6	0.590
XFRL-1256-2-560	560.0	0.388	4.1	1.6	0.590
XFRL-1256-2-680	680.0	0.430	3.7	1.6	0.590
XFRL-1256-2-820	820.0	0.590	3.4	1.3	0.590
XFRL-1256-2-1000	1000.0	0.818	3.1	1.0	0.590
XFRL-1256-2-1200	1200.0	1.140	2.7	0.8	0.590
XFRL-1256-2-1500	1500.0	1.260	2.4	0.8	0.590
XFRL-1256-2-1800	1800.0	1.390	2.2	0.8	0.590
XFRL-1256-2-2200	2200.0	1.540	2.0	0.8	0.590