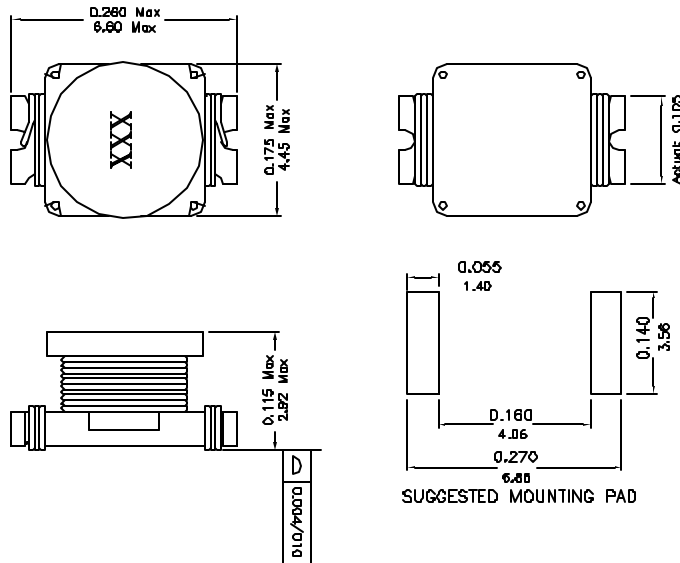
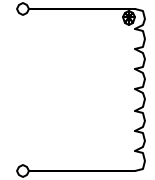


XFS1MDR1714 SERIES INDUCTORS



Schematic:



UNLESS OTHERWISE SPECIFIED

TOLERANCES:

.xxx ±0.010

.xx ±0.25

Dimensions in INCH
in MM

Part Number	Inductance (1) ($\mu\text{H} \pm 20\%$)	DCR Max (Ω)	SRF typ (MHz)	I SAT (2) (A)	I _{rms} (3) (A rms)
XFS1MDR1714-102	1.0	0.05	130	2.90	2.9
XFS1MDR1714-152	1.5	0.05	115	2.60	2.8
XFS1MDR1714-222	2.2	0.07	90	2.30	2.4
XFS1MDR1714-332	3.3	0.08	70	2.00	2.0
XFS1MDR1714-472	4.7	0.09	50	1.50	1.5
XFS1MDR1714-682	6.8	0.13	45	1.20	1.4
XFS1MDR1714-103	10	0.16	35	1.10	1.1
XFS1MDR1714-153	15	0.23	30	0.90	1.2
XFS1MDR1714-223	22	0.37	20	0.70	0.80
XFS1MDR1714-333	33	0.51	15	0.58	0.60
XFS1MDR1714-473	47	0.64	14	0.50	0.50
XFS1MDR1714-683	68	0.86	11	0.40	0.40
XFS1MDR1714-104	100	1.27	9	0.31	0.30
XFS1MDR1714-154	150	2.00	6	0.27	0.25
XFS1MDR1714-224	220	3.11	5.5	0.22	0.20
XFS1MDR1714-334	330	3.80	5	0.18	0.16
XFS1MDR1714-474	470	5.06	4	0.16	0.15
XFS1MDR1714-684	680	9.20	3	0.14	0.12
XFS1MDR1714-105	1000	13.8	2	0.10	0.07

(1) Inductance test @100KHz 0.1Vrms With No DC

(2) Inductance drop = 10% typ at rated Isat.

(3) $\Delta T = 15^\circ\text{C}$ rise typ. at I_{rms}.

(4) Operating temperature range -40°C to $+125^\circ\text{C}$

(5) Flammability Rating: UL94V-0

(6) Tape & Reel Packaging Standard, 2500 Pcs per 13" Reel