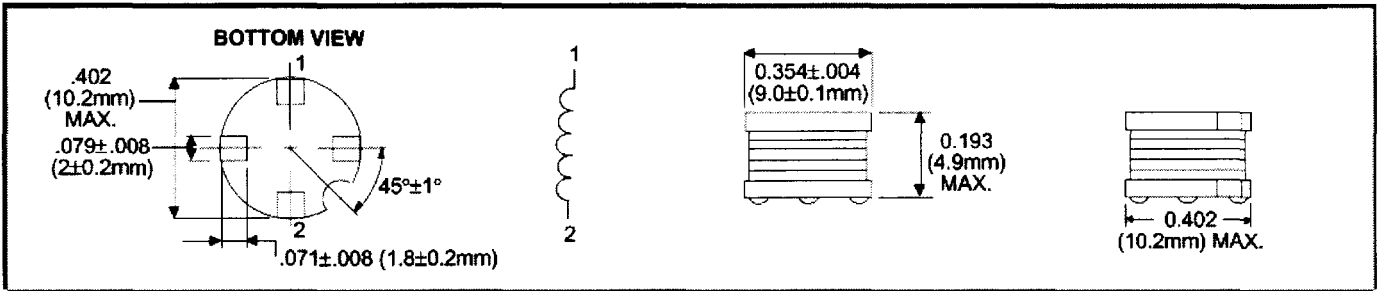


GOWANDA®

SML94 SERIES

HIGH CURRENT SURFACE MOUNT INDUCTORS

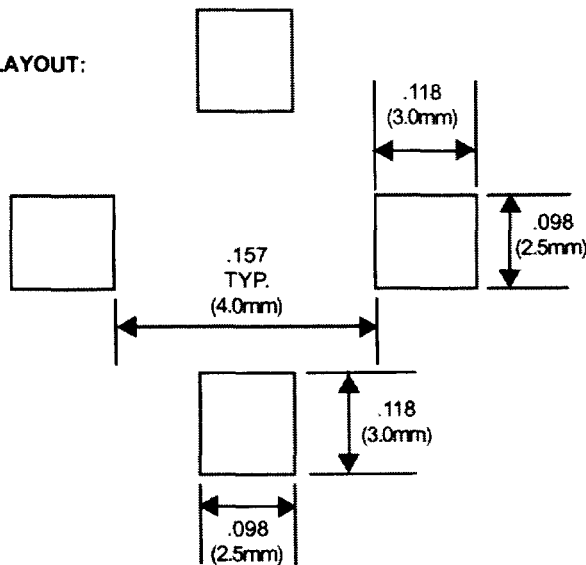
- 12 Standard inductance values, other non-standard values and tolerances also available.
- Package - Ferrite bobbin, metalized pads.
- Operating temperature: -55° to +125°C.



PART NUMBER	NOMINAL INDUCTANCE ±10% @ 1kHz	Q MINIMUM @ 100 kHz	SRF MHz MIN.	DCR OHMS ±15%	SATURATION* CURRENT DC AMPS	RATED CURRENT DC AMPS
SML94-102M	10 μH (±20%)	20	25.0	.060	4.40	1.550
SML94-152K	15 μH	20	21.0	.070	3.30	1.400
SML94-222K	22 μH	20	15.0	.090	2.70	1.250
SML94-332K	33 μH	20	13.5	.120	2.20	1.100
SML94-472K	47 μH	20	11.5	.170	1.80	.990
SML94-682K	68 μH	20	10.0	.230	1.50	.910
SML94-103K	100 μH	20	8.0	.350	1.20	.700
SML94-153K	150 μH	20	7.0	.470	1.00	.600
SML94-223K	220 μH	25	5.0	.700	.860	.500
SML94-333K	330 μH	25	3.3	1.610	.700	.290
SML94-473K	470 μH	25	2.8	1.800	.590	.220
SML94-683K	680 μH	25	1.2	2.300	.490	.140

NOTES: * Saturation current is the approximate value that will reduce the initial inductance by 5%.

RECOMMENDED PAD LAYOUT:



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