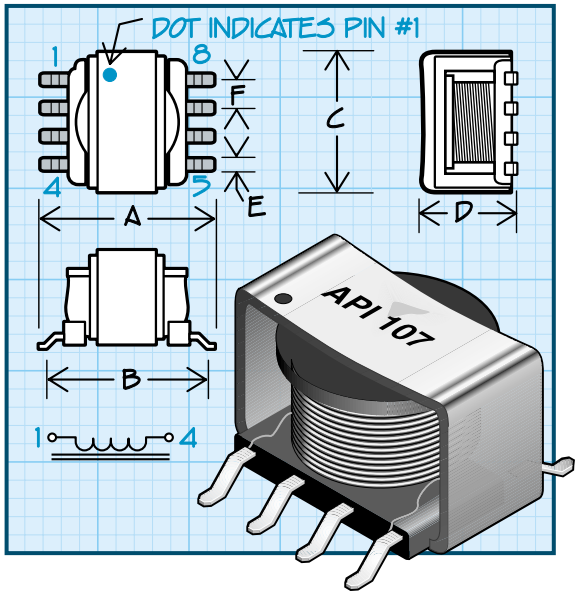
Series 4494R 4494

RoHS Compliant

Traditional First Quality

Surface Mount Inductors



Physical Parameters

	Inches	Millimeters
A	0.435 to 0.465	11.05 to 11.81
B	0.385 to 0.405	9.78 to 10.29
C	0.375 to 0.405	9.53 to 10.29
D	0.205 to 0.235	5.21 to 5.97
E (8 places)	0.028 typ.	0.71 typ.
F (6 places)	0.079 typ.	2.00 typ.

Termination
Pin 1 = Finish; Pin 4 = Start; others, no connection

Operating Temperature Range –20°C to +80°C

Maximum Power Dissipation at 25°C 0.140 W

Incremental Current
Maximum DC Current which will cause less than a 25% decrease in inductance, from the zero DC current inductance.

Current Rating
Current which will cause less than a +35°C temperature rise maximum, from +25°C Ambient

Packaging Tape & reel (24mm): 13" reel, 600 pieces max.; 7" reel not available

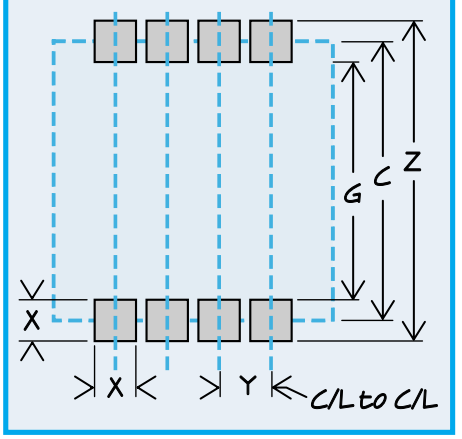
Made In the U.S.A.

DASH NUMBER*	INDUCTANCE (mH) ±25%	Q Typical	TEST FREQUENCY (KHz)	SRF Typical (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (Amps)	INCREMENTAL CURRENT (Amps)
SERIES 4494							
-105	1.0	100	250	1.60	0.50	0.500	0.025
-125	1.2	100	250	1.50	0.57	0.480	0.024
-155	1.5	100	250	1.40	0.65	0.460	0.023
-185	1.8	100	250	1.30	0.70	0.420	0.022
-225	2.2	100	250	1.20	0.79	0.400	0.020
-275	2.7	100	250	1.00	1.25	0.330	0.018
-335	3.3	100	250	0.85	1.50	0.300	0.017
-395	3.9	100	250	0.75	1.70	0.280	0.016
-475	4.7	100	250	0.70	1.85	0.260	0.015
-565	5.6	100	250	0.65	2.60	0.220	0.013
-685	6.8	100	250	0.55	4.00	0.180	0.012
-825	8.2	100	250	0.50	4.50	0.170	0.011
-106	10.0	150	79	0.45	5.25	0.160	0.010
-126	12.0	150	79	0.40	5.75	0.150	0.009
-156	15.0	150	79	0.35	6.40	0.140	0.008
-186	18.0	150	79	0.30	9.25	0.120	0.007
-226	22.0	150	79	0.28	13.0	0.100	0.006
-276	27.0	150	79	0.26	14.5	0.095	0.006
-336	33.0	140	79	0.25	16.0	0.090	0.005
-396	39.0	140	79	0.22	18.0	0.085	0.005
-476	47.0	130	79	0.20	19.0	0.080	0.004
-566	56.0	130	79	0.19	27.0	0.070	0.003
-686	68.0	120	79	0.18	35.0	0.060	0.003
-826	82.0	120	79	0.16	43.0	0.055	0.002
-107	100.0	150	25	0.15	50.0	0.050	0.002

***Complete part # must include series # PLUS the dash #**

For further surface finish information, refer to TECHNICAL section of this catalog.

PAD DIMENSIONS



Pad Dimensions

	Inches	Millimeters
C	0.430	10.92
G	0.368	9.35
X	0.062	1.57
Y	0.079	2.01
Z	0.492	12.50

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