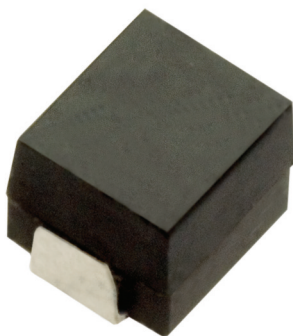
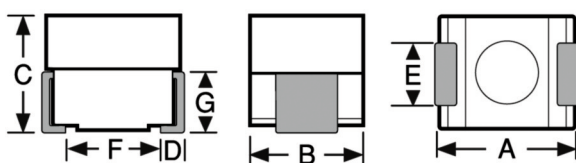


SERIES**4302R
4302**
**Temperature Stable (1008 size)
Surface Mount Inductors**


Actual Size

**Temperature Stable for critical conditions****Physical Parameters**

	Inches	Millimeters
A	0.095 to 0.115	2.41 to 2.92
B	0.085 to 0.105	2.16 to 2.66
C	0.075 to 0.095	1.91 to 2.41
D	0.010 to 0.030	0.26 to 0.76
E	0.040 to 0.060	1.02 to 1.52
F	0.060 (Ref. only)	1.52 (Ref. only)
G	0.045 (Ref. only)	1.14 (Ref. only)

Dimensions "A" and "C" are over terminals.

Weight Max. (Grams) 0.1**Operating Temperature Range** -55°C to +125°C**Current Rating at 90°C Ambient** 35°C Rise**Maximum Power Dissipation at 90°C** 0.208 W

Note For applications requiring improved characteristics over typical ferrite core inductors of the same size. See 1008 Series for values lower than 0.12μH.

Marking Delevan; dash number; date code (YYWWL).

Note: An R before the date code indicates a RoHS component.

Example: 4302-272K

DELEVAN

272

1822B

Packaging Tape & reel (8mm): 7" reel, 2000 pieces max.;
13" reel, 7000 pieces max.

Made In the U.S.A.

DASH NUMBER*	INDUCTANCE (μH) ±10%	TEST FREQUENCY (MHz) Q MINIMUM	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
SERIES 4302 POWDERED IRON CORE					
-121K	0.12	40	25.0	400	0.130
-151K	0.15	40	25.0	375	0.150
-181K	0.18	40	25.0	325	0.165
-221K	0.22	40	25.0	270	0.175
-271K	0.27	40	25.0	240	0.190
-331K	0.33	40	25.0	180	0.200
-391K	0.39	40	25.0	160	0.220
-471K	0.47	40	25.0	130	0.240
-561K	0.56	40	25.0	115	0.295
-681K	0.68	40	25.0	105	0.320
-821K	0.82	40	25.0	95	0.510
-102K	1.0	30	7.9	80	0.550
-122K	1.2	30	7.9	75	0.600
-152K	1.5	30	7.9	70	0.730
-182K	1.8	30	7.9	60	0.800
-222K	2.2	30	7.9	50	1.25
-272K	2.7	30	7.9	45	1.60
-332K	3.3	30	7.9	40	1.85
-392K	3.9	30	7.9	35	2.10
-472K	4.7	30	7.9	30	2.30
-562K	5.6	30	7.9	26	3.00
-682K	6.8	30	7.9	22	3.50
-822K	8.2	30	7.9	20	4.00
-103K	10.0	30	7.9	18	4.50
-123K	12.0	20	2.5	16	7.50
-153K	15.0	20	2.5	14	9.00
-183K	18.0	20	2.5	12	11.00
-223K	22.0	20	2.5	11	12.00
-273K	27.0	20	2.5	10	13.00

Optional Tolerances: J = 5% H = 3% G = 2% F = 1%

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

For more detailed graphs, contact factory

