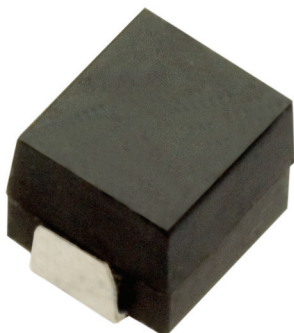
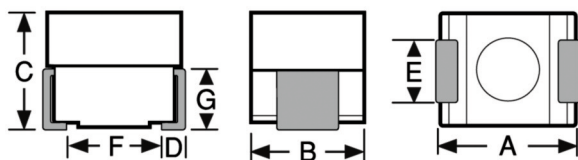


SERIES**4302R**
4302

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 SMD; dash number with tolerance letter; date code (YYWWL). Note: An R before the date code indicates a RoHS component.

Example: 4302-272K

SMD
272K
0422B

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

Made In the U.S.A.

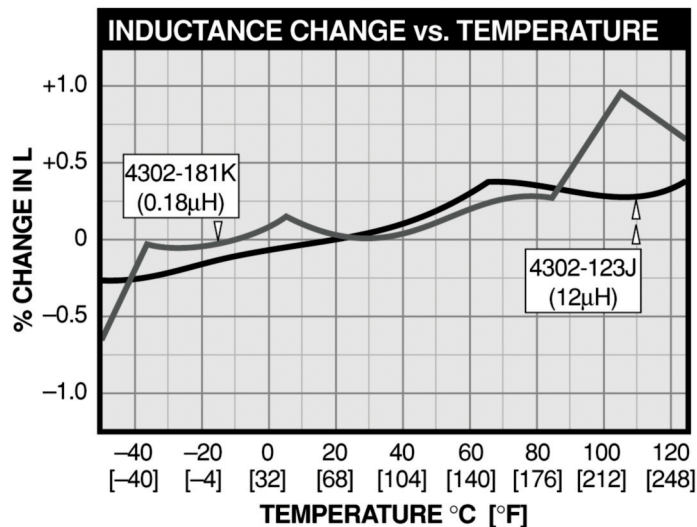
DASH NUMBER*	INDUCTANCE (μH) ±10%	TEST FREQUENCY (MHz)	Q MINIMUM	SRF MINIMUM (MHz)	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (mA)
SERIES 4302 POWDERED IRON CORE						
-121K	0.12	40	25.0	400	0.130	1075
-151K	0.15	40	25.0	375	0.150	1000
-181K	0.18	40	25.0	325	0.165	955
-221K	0.22	40	25.0	270	0.175	925
-271K	0.27	40	25.0	240	0.190	890
-331K	0.33	40	25.0	180	0.200	865
-391K	0.39	40	25.0	160	0.220	825
-471K	0.47	40	25.0	130	0.240	790
-561K	0.56	40	25.0	115	0.295	710
-681K	0.68	40	25.0	105	0.320	685
-821K	0.82	40	25.0	95	0.510	540
-102K	1.0	30	7.9	80	0.550	520
-122K	1.2	30	7.9	75	0.600	500
-152K	1.5	30	7.9	70	0.730	455
-182K	1.8	30	7.9	60	0.800	430
-222K	2.2	30	7.9	50	1.25	345
-272K	2.7	30	7.9	45	1.60	305
-332K	3.3	30	7.9	40	1.85	285
-392K	3.9	30	7.9	35	2.10	265
-472K	4.7	30	7.9	30	2.30	255
-562K	5.6	30	7.9	26	3.00	225
-682K	6.8	30	7.9	22	3.50	205
-822K	8.2	30	7.9	20	4.00	195
-103K	10.0	30	7.9	18	4.50	180
-123K	12.0	20	2.5	16	7.50	140
-153K	15.0	20	2.5	14	9.00	125
-183K	18.0	20	2.5	12	11.00	115
-223K	22.0	20	2.5	11	12.00	110
-273K	27.0	20	2.5	10	13.00	105

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

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

For surface finish information, refer to www.delevanfinishes.com

For more detailed graphs, contact factory



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

API Delevan:

[4302-102FTR](#) [4302-331FTR](#) [4302-331K](#) [4302-681K](#) [4302R-102FTR](#) [4302-121K](#) [4302-121J](#) [4302-121H](#) [4302-121G](#) [4302-121F](#) [4302-151K](#) [4302-151J](#) [4302-151H](#) [4302-151G](#) [4302-151F](#) [4302-181K](#) [4302-181J](#) [4302-181H](#) [4302-181G](#) [4302-181F](#) [4302-221K](#) [4302-221J](#) [4302-221H](#) [4302-221G](#) [4302-221F](#) [4302-271K](#) [4302-271J](#) [4302-271H](#) [4302-271G](#) [4302-271F](#) [4302-331J](#) [4302-331H](#) [4302-331G](#) [4302-331F](#) [4302-391K](#) [4302-391J](#) [4302-391H](#) [4302-391G](#) [4302-391F](#) [4302-471K](#) [4302-471J](#) [4302-471H](#) [4302-471G](#) [4302-471F](#) [4302-561K](#) [4302-561J](#) [4302-561H](#) [4302-561G](#) [4302-561F](#) [4302-681J](#) [4302-681H](#) [4302-681G](#) [4302-681F](#) [4302-821K](#) [4302-821J](#) [4302-821H](#) [4302-821G](#) [4302-821F](#) [4302-102K](#) [4302-102J](#) [4302-102H](#) [4302-102G](#) [4302-102F](#) [4302-122K](#) [4302-122J](#) [4302-122H](#) [4302-122G](#) [4302-122F](#) [4302-152K](#) [4302-152J](#) [4302-152H](#) [4302-152G](#) [4302-152F](#) [4302-182K](#) [4302-182J](#) [4302-182H](#) [4302-182G](#) [4302-182F](#) [4302-222K](#) [4302-222J](#) [4302-222H](#) [4302-222G](#) [4302-222F](#) [4302-272K](#) [4302-272J](#) [4302-272H](#) [4302-272G](#) [4302-272F](#) [4302-332K](#) [4302-332J](#) [4302-332H](#) [4302-332G](#) [4302-332F](#) [4302-392K](#) [4302-392J](#) [4302-392H](#) [4302-392G](#) [4302-392F](#) [4302-472K](#) [4302-472J](#)