

SERIES

P1812R
P1812

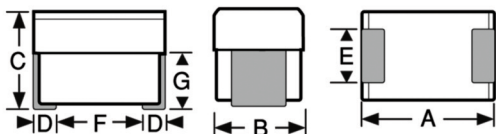
RoHS
Compliant
Traditional
First Quality

Surface Mount Power Inductors

DASH NUMBER*
INDUCTANCE (μH)
±10% @ 1 kHz
DC RESISTANCE
MAXIMUM (OHMS)
CURRENT RATING
MAXIMUM (mA DC)
INCREMENTAL
CURRENT (mA DC)



Actual Size



Physical Parameters

	Inches	Millimeters
A	0.166 to 0.190	4.22 to 4.83
B	0.118 to 0.134	3.00 to 3.40
C	0.118 to 0.134	3.00 to 3.40
D	0.015 Min.	0.38 Min.
E	0.054 to 0.078	1.37 to 1.98
F	0.118 (Ref. only)	3.00 (Ref. only)
G	0.066 (Ref. only)	1.68 (Ref. only)

Dimensions "A" and "C" are over terminals

Operating Temperature Range -55°C to +125°C

Current Rating at 90°C Ambient 35°C Rise

Maximum Power Dissipation at 90°C 0.278 W

Inductance Measured at 1V with no DC current

Incremental Current The current at which the inductance will be decreased by a maximum of 5% from its initial zero DC value.

Marking Delevan; dash number followed by a P; date code (YYWWL). Note: An R before the date code indicates a RoHS component.

Example: P1812R-182K

DELEVAN
182 P
R 1828A

Packaging Tape & reel (12mm): 7" reel, 650 pieces max.; 13" reel, 2500 pieces max.

Made In the U.S.A.

SERIES P1812 FERRITE CORE				
-102K	1.0	0.113	1050	2400
-122K	1.2	0.199	1000	2158
-152K	1.5	0.222	950	1980
-182K	1.8	0.240	900	1828
-222K	2.2	0.268	850	1697
-272K	2.7	0.288	800	1513
-332K	3.3	0.323	750	1397
-392K	3.9	0.347	700	1250
-472K	4.7	0.401	650	1131
-562K	5.6	0.437	650	1060
-682K	6.8	0.472	600	990
-822K	8.2	0.548	600	871
-103K	10	0.608	550	772
-123K	12	0.670	550	752
-153K	15	0.780	450	693
-183K	18	0.875	400	614
-223K	22	1.200	370	515
-273K	27	1.404	330	465
-333K	33	1.578	300	425
-393K	39	1.848	280	376
-473K	47	2.064	260	366
-563K	56	2.268	240	336
-683K	68	3.408	220	297
-823K	82	3.648	200	267
-104K	100	4.320	180	238
-124K	120	6.000	160	208
-154K	150	6.432	140	183
-184K	180	8.400	120	158
-224K	220	9.680	120	143
-274K	270	12.720	100	129
-334K	330	15.240	90	118

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

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

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Fixed Inductors](#) category:

Click to view products by [API Delevan](#) manufacturer:

Other Similar products are found below :

[CR43NP-680KC](#) [CR54NP-820KC](#) [CR54NP-8R5MC](#) [CTX32CT-100](#) [70F224AI](#) [MGDQ4-00004-P](#) [MHL1ECTTP18NJ](#) [MHL1JCTTD12NJ](#)
[PE-51506NL](#) [PE-53601NL](#) [PE-53602NL](#) [PE-53630NL](#) [PE-53824SNLT](#) [PE-62892NL](#) [PE-92100NL](#) [PG0434.801NLT](#) [PG0936.113NLT](#)
[9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#) [1206CS-471XJ](#) [HC2-2R2TR](#) [HC2LP-R47-R](#) [HC3-2R2-R](#) [HCF1305-3R3-R](#) [1206CS-151XG](#)
[RCH664NP-140L](#) [RCH664NP-4R7M](#) [RCH8011NP-221L](#) [RCP1317NP-332L](#) [RCP1317NP-391L](#) [RCR1010NP-470M](#) [RCR110DNP-331L](#)
[DH2280-4R7M](#) [DS1608C-106](#) [ASPI-4020HI-R10M-T](#) [B10TJ](#) [B82477P4333M](#) [B82498B3101J000](#) [B82498B3680J000](#) [ELJ-RE27NJF2](#)
[1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#)