



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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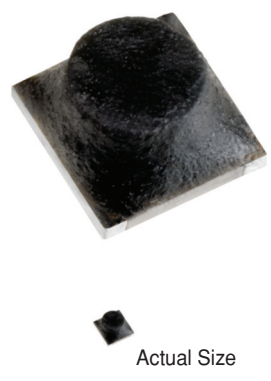
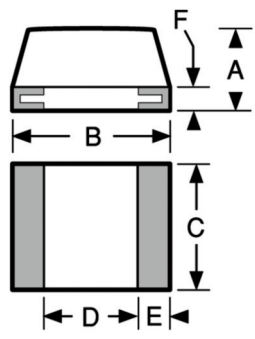
SERIES

**P160R
P160**



Power Micro i® Chip Inductors

DASH NUMBER*
INDUCTANCE (µH)
±10% @ 100 kHz
DC RESISTANCE
MAXIMUM (OHMS)
CURRENT RATING
MAXIMUM (mA)
INCREMENTAL
CURRENT (mA)



Physical Parameters

	Inches	Millimeters
A	0.100 Max.	2.54 Max.
B	0.145 to 0.155	3.68 to 3.94
C	0.115 to 0.125	2.92 to 3.18
D	0.070 Min.	1.78 Min.
E	0.020 to 0.030	0.508 to 0.762
F	0.020 Max. (Typ.)	0.51 Max.

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

Current Rating at 90°C Ambient 35°C Rise

Maximum Power Dissipation at 90°C 0.170 W

Termination Standard-Tin/Lead. For RoHS, order P160R-XXXKS. Consult the factory for additional finish options.

Inductance Measured at 0.100VAC with no DC Current

Incremental Current The current at which the inductance will be decreased by a maximum of 5% from its initial 0 ADC value

Packaging Bulk only

SERIES P160 FERRITE CORE				
-331KS	0.330	0.033	1929	2636
-391KS	0.390	0.035	1873	2417
-471KS	0.470	0.038	1797	2231
-561KS	0.560	0.041	1730	2071
-681KS	0.680	0.044	1670	1933
-821KS	0.820	0.050	1567	1706
-102KS	1.00	0.056	1480	1526
-122KS	1.20	0.078	1254	1381
-152KS	1.50	0.086	1195	1261
-182KS	1.80	0.093	1149	1160
-222KS	2.20	0.11	1056	1036
-272KS	2.70	0.12	1011	935
-332KS	3.30	0.16	876	829
-392KS	3.90	0.17	850	784
-472KS	4.70	0.24	715	707
-562KS	5.60	0.26	687	644
-682KS	6.80	0.28	662	592
-822KS	8.20	0.40	554	537
-103KS	10.0	0.57	464	483
-123KS	12.0	0.63	441	439
-153KS	15.0	0.70	419	397
-183KS	18.0	1.0	350	358
-223KS	22.0	1.1	334	326
-273KS	27.0	1.2	320	293
-333KS	33.0	1.6	277	266
-393KS	39.0	1.8	261	244
-473KS	47.0	1.9	254	223
-563KS	56.0	2.7	213	204
-683KS	68.0	2.9	206	185
-823KS	82.0	3.2	196	169
-104KS	100	4.6	163	153
-124KS	120	5.0	157	139
-154KS	150	6.8	134	124
-184KS	180	7.5	128	114
-224KS	220	9.8	112	103
-274KS	270	10.8	107	93
-334KS	330	12.0	101	84

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