



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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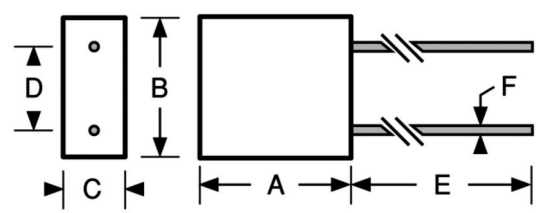
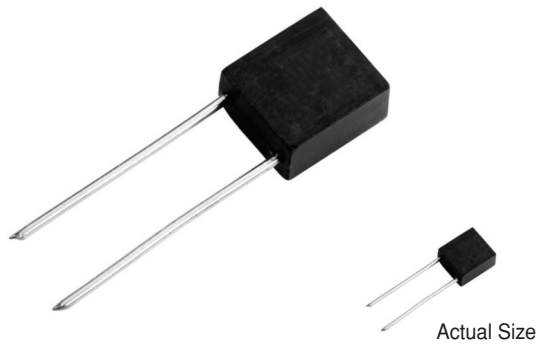
SERIES

4445R
4445



Radial Toroidal Inductors

MIL DASH # (Ref.)
INDUCTANCE (μH)
TOLERANCE
Q MINIMUM
TEST FREQUENCY (MHz)
SRF MINIMUM (MHz)
MAXIMUM (MHz)**
DC RESISTANCE (OHMS)
CURRENT RATING MAXIMUM (mA)



MS21423 (Ref.) – SERIES 4445								
-01M	1	0.010	± 20%	60	150	1000	0.020	3000
-02M	2	0.012	± 20%	60	150	1000	0.020	3000
-03M	3	0.015	± 20%	60	150	1000	0.020	3000
-04M	4	0.018	± 20%	60	150	1000	0.020	3000
-05M	5	0.022	± 20%	60	100	900	0.020	3000
-06M	6	0.027	± 20%	60	100	800	0.020	3000
-07M	7	0.033	± 20%	60	100	750	0.020	3000
-08M	8	0.039	± 20%	60	100	700	0.020	3000
-09M	9	0.047	± 20%	60	100	650	0.020	3000
-10M	10	0.056	± 20%	60	100	600	0.020	3000
-11M	11	0.068	± 20%	60	100	550	0.030	2500
-12M	12	0.082	± 20%	60	100	500	0.040	2200
-13K	13	0.100	± 10%	80	50	450	0.040	2200
-14K	14	0.120	± 10%	80	50	400	0.050	2000
-15K	15	0.150	± 10%	80	50	350	0.060	1800
-16K	16	0.180	± 10%	80	50	320	0.070	1600
-17K	17	0.220	± 10%	80	50	300	0.080	1500
-18K	18	0.270	± 10%	80	50	280	0.100	1400
-19K	19	0.330	± 10%	80	50	260	0.120	1300
-20K	20	0.390	± 10%	80	50	240	0.150	1150
-21K	21	0.470	± 10%	80	50	220	0.200	1000
-22K	22	0.560	± 10%	70	50	200	0.250	900
-23K	23	0.680	± 10%	70	50	180	0.300	800
-24K	24	0.820	± 10%	70	50	160	0.350	750
-25K	25	1.000	± 10%	70	50	150	0.400	700

Military Specification MS21423 (Ref.)

Mechanical Configuration Units are radial leaded and encapsulated in an epoxy molded package.

Physical Parameters

	Inches	Millimeters
A	0.200 to 0.230	5.08 to 5.84
B	0.190 to 0.210	4.83 to 5.33
C	0.090 to 0.110	2.29 to 2.79
D	0.090 to 0.110	2.29 to 2.79
E	1.00 Min.	25.4 Min.
F	0.0185 to 0.0215	0.470 to 0.546

Operating Temperature -55°C to +125°C

Current Rating at 90°C Ambient 35°C Rise

Maximum Power Dissipation at 90°C 0.200 W

Note Inductance measured 0.25" from body.

Weight Max. (Grams) 0.5

**** Note** Self Resonant Frequency (SRF) values above 250 MHz are calculated and for reference only.
Marking 4445; dash number with tolerance letter; Delevan cage code (99800); date code (YYWWL). Note: An R after 4445 indicates a RoHS component.

Example: 4445-01M
4445
-01M
99800
0828A

Packaging Bulk only

Made in the U.S.A.

Optional Tolerances: J = 5% H = 3% G
(Dash 01-12 Min. Tolerance is ±5%)
*Complete part # must include series # PLUS the dash #
For surface finish information, refer to www.delevanfinishes.com