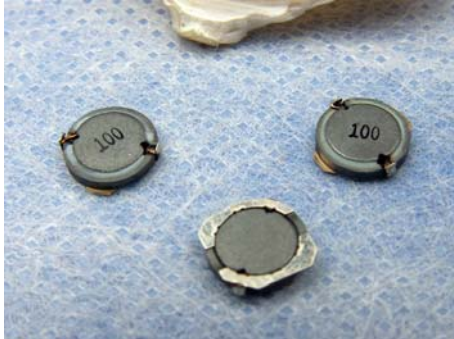


SMD SHIELDED POWER INDUCTORS

COMPONENT

PRODUCT IDENTIFICATION



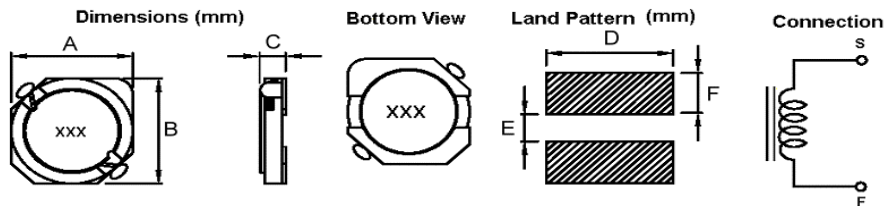
SDQ1014C - **2R2** **M**
A **B** **C**

- A : SMT Shielded Power Inductors.
- B : Inductance.
- C : Tolerance.(K:10%,L:15%,M:20%,N:30%)

APPLICATIONS

- DC-DC converter of portable equipment.
- Camcorder, LCD television set, Digital camera, P.D.A., Notebook.

SHAPES & DIMENSIONS



TYPE	A	B	C	D	E	F
SDN1014C	10.3	10.3	1.5	10.40	3.00	3.7
SDN7014C	7.3	7.3	1.5	7.3	2.0	2.65

※Design as Customer's Requested Specifications.

ELECTRICAL CHARACTERISTICS

SDQ1014C/7014C SERIES

Inductance		1014C			7014C		
Code	(uH)	Test Freq.(Hz)	RDC(Ω) Max.	IDC(A) Max.	Test Freq.(Hz)	RDC(Ω) Max.	IDC(A) Max.
2R2M	2.20	-	-	-	100K	0.05	2.40
3R3N	3.30	-	-	-	100K	0.07	2.1
4R7N	4.70	-	-	-	100K	0.09	1.70
5R6M	5.60	100K	0.085	2.0	-	-	-
6R8N	6.80	-	-	-	100K	0.12	1.50
100M	10.00	100K	0.15	1.7	100K	0.15	1.50
150M	15.00	100K	0.25	1.6	100K	0.24	1.10
220M	22.00	100K	0.32	1.3	100K	0.36	0.90
330M	33.00	100K	0.44	1.0	100K	0.56	0.70
470M	47.00	100K	0.60	0.85	100K	0.80	0.54
560M	56.00	100K	0.75	0.7	-	-	-
680M	68.00	100K	0.94	0.6	-	-	-
101M	100.00	100K	1.43	0.5	-	-	-

- ※ Test Freq : 100KHz/0.1V
- ※ Operating Temp. : - 40°C ~ +85°C
- ※ Inductance drop = 20%typ. at IDC