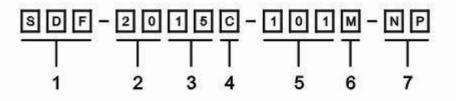


SMD POWER INDUCTORS SDF TYPE

PRODUCT IDENTIFICATION





1.PRODUCT SYMBOL 2.OUTSIDE DIA : mm 3.BODY HEIGHT : mm 4.HIGH CURRENT 5.INDUCTANCE : µ H 6.TOLERANCE : K±10%, L±15%, M±20% 7.Meet ROHS Regulations of Prohibiped 6 Poisonous Materials

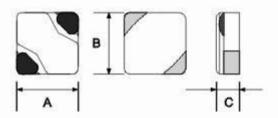
SHAPES & DIMENSION FOR SDF SERIES (mm)

FEATURE

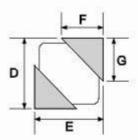
Miniature size

SUPPANE

- Available on tape and reel for automatic Insertion
- Lead free part available



RECOMMENDED PATTERN (mm)



25

TYPE	A Max.	B Max.	C Max.	DE	FG
SDF2010	2.2	2.2	1.0	2.3	1.4
SDF2015	2.2	2.2	1.4	2.3	1.4
SDF2015C	2.2	2.2	1.4	2.3	1.4
SDF3010	3.0	3.0	1.1	3.1	1.7
SDF3015	3.0	3.0	1.4	3.1	1.7
SDF3015C	3.0	3.0	1.5	3.1	1.7

SMD POWER INDUCTORS SDF TYPE



L (µH)	RDC(OHM)±20%					IDC(A)Max.						
	2010	2015	2015C	3010	3015	3015C	2010	2015	2015C	3010	3015	30150
1.5	0.22	0.11	0.15	0.097	0.041	0.069	0.62	0.75	0.90	1.20	1.00	1.65
1.8					0.050						0.98	
2.2	0.25	0.13	0.20	0.110	0.053	0.098	0.52	0.55	0.75	1.00	0.90	1.40
3.3	0.40	0.20	0.28	0.200	0.087	0.140	0.45	0.48	0.60	0.87	0.85	1.10
4.7	0.45	0.23	0.33	0.280	0.116	0.190	0.35	0.40	0.50	0.70	0.70	0.90
6.8	0.70	0.35	0.50	0.340	0.145	0.270	0.30	0.30	0.40	0.61	0.58	0.85
10	0.88	0.52	0.85	0.580	0.227	0.410	0.22	0.25	0.30	0.45	0.45	0.68
15		0.85	1.05	0.860	0.372	0.500		0.18	0.25	0.40	0.36	0.58
22		1.05		1.130	0.456	0.740		0.15		0.33	0.30	0.48
33					0.825	1.250					0.24	0.35
47					0.963	1.980					0.19	0.30
68					1.583						0.16	

Operating Temperature : -30℃~ +85℃ Test Freq. : 100KHz/0.5V Inductance drop≪35% typ. At IDC