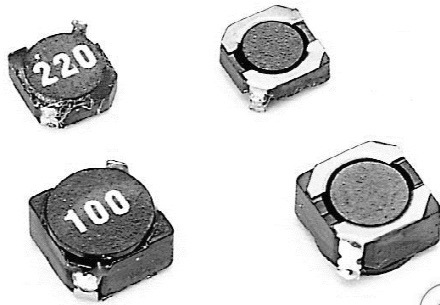
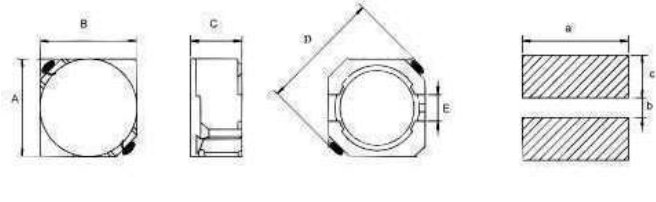


## SMD Shielded Power Inductor- SPRD02 series

# SCHMID-M



Dimensions and PCB Pattern



### Features

- Very thin and compact with shielding
- Large permissible DC current
- Low DC resistance
- Operating temperature  $-25^{\circ}$  to  $+85^{\circ}\text{C}$
- Applications DC / DC converter, LCD TV, small size communication equipment

	A	B	C	D	E	a	b	c
SPRD0208	3,2 max.	3,2 max.	0,9 max.	3,3 typ.	0,9 typ.	3,6	0,8	1,3
SPRD0214	3,2 max.	3,2 max.	1,6 max.	3,3 typ.	0,9 typ.	3,6	0,8	1,3
SPRD0218	3,2 max.	3,2 max.	2,0 max.	3,3 typ.	0,9 typ.	3,6	0,8	1,3

SPRD0208	Inductance(uH)	Test Frequency(V/hz)	DC Resistance(mOhm)	Saturation Current (mA)
SPRD0208-1R5M	1,5	1,0/100K	163	1000
SPRD0208-2R2M	2,2	1,0/100K	238	900
SPRD0208-3R3M	3,3	1,0/100K	313	750
SPRD0208-4R7M	4,7	1,0/100K	475	600
SPRD0208-6R8M	6,8	1,0/100K	600	500
SPRD0208-100M	10,0	1,0/100K	938	400
SPRD0208-150M	15,0	1,0/100K	1625	300
SPRD0208-220M	22,0	1,0/100K	2125	250

SPRD0214	Inductance(uH)	Test Frequency(V/hz)	DC Resistance(mOhm)	Saturation Current (mA)
SPRD0214-2R2M	2,2	1,0/100K	113	1700
SPRD0214-3R3M	3,3	1,0/100K	156	1300
SPRD0214-4R7M	4,7	1,0/100K	225	1000
SPRD0214-6R8M	6,8	1,0/100K	325	900
SPRD0214-100M	10,0	1,0/100K	475	700
SPRD0214-220M	22,0	1,0/100K	875	400
SPRD0214-330M	33,0	1,0/100K	1625	400

SPRD0218	Inductance(uH)	Test Frequency(V/hz)	DC Resistance(mOhm)	Saturation Current (mA)
SPRD0218-1R7M	1,7	1,0/100K	63	2000
SPRD0218-2R2M	2,2	1,0/100K	75	1800
SPRD0218-3R3M	3,3	1,0/100K	100	1400
SPRD0218-4R7M	4,7	1,0/100K	156	1200
SPRD0218-5R6M	5,6	1,0/100K	188	1150
SPRD0218-6R3M	6,3	1,0/100K	225	1100
SPRD0218-6R8M	6,8	1,0/100K	231	1000
SPRD0218-8R2M	8,2	1,0/100K	238	800
SPRD0218-100M	10,0	1,0/100K	275	700
SPRD0218-150M	15,0	1,0/100K	475	600
SPRD0218-220M	22,0	1,0/100K	750	500
SPRD0218-330M	33,0	1,0/100K	938	400
SPRD0218-470M	47,0	1,0/100K	2000	300