

■ Features:

- Compact, low profile with low RDC and large current
- With magnetic shield against radiation

■ Applications:

- DC to DC converters for VTR, OA equipment, LCD television set, notebook, portable communication equipments

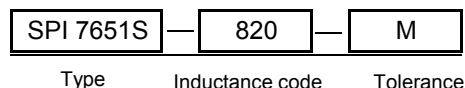
Dimensions in mm

TYPE	A	B	C
SPI 7651S	7.6 Max	7.6 Max	5.1 Max
SPI 7681S	7.6 Max	7.6 Max	8.1 Max

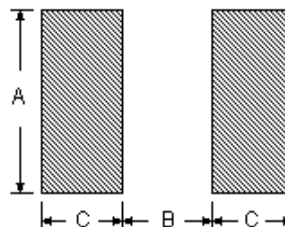
■ Specifications

Inductance		SPI 7651S		SPI 7681S	
		DCR	IDC	DCR	IDC
Code	uH	(Ω)	(A)	(Ω)	(A)
1R0	1.0	0.020	2.80		
1R5	1.5	0.024	2.59	0.023	4.00
2R2	2.2	0.028	2.38	0.026	3.60
3R3	3.3	0.034	2.14	0.031	3.10
4R7	4.7	0.039	1.96	0.037	2.50
6R8	6.8	0.050	1.79	0.044	2.10
100	10	0.055	1.63	0.053	1.75
120	12	0.073	1.42	0.056	1.70
150	15	0.081	1.33	0.065	1.45
180	18	0.102	1.15	0.071	1.32
220	22	0.115	1.09	0.079	1.20
270	27	0.159	0.91	0.082	1.08
330	33	0.182	0.84	0.099	1.00
390	39	0.199	0.80	0.134	0.90
470	47	0.221	0.75	0.150	0.86
560	56	0.306	0.64	0.201	0.83
680	68	0.345	0.60	0.300	0.80
820	82	0.390	0.57	0.320	0.70
101	100	0.432	0.50	0.350	0.60
121	120	0.440	0.47	0.581	0.53
151	150	0.730	0.40	0.646	0.48
181	180	0.780	0.39	0.725	0.45
221	220	0.940	0.33	0.811	0.40
271	270	1.250	0.31	1.148	0.36
331	330	1.400	0.27	1.273	0.32
391	390	1.520	0.27		
471	470	1.700	0.25		
561	560	2.390	0.22		

■ Parts code:



■ Recommended Land Pattern:



Type	A	B	C
SPI 7651S	2.2	4.0	2.0
SPI 7681S	2.2	4.0	2.0

■ Notes:

1. Test Freq. : 1KHz/0.5V
2. PACKAGING: 1000Pcs/Reel