Wire Wound Power Inductors (SPM/SPS/SPH/SPN Series)

Ordering Code

SPM 2520 2R2 M P S A

Product Code:

SPM: Molding Inductor

SPS : Metal Coating (Ultra high Current)

SPN : Coating Inductor(Normal)

SPH : Coating Inductor(High Current)

Code	Dimension	Code	Dimension
1210	1.2 X 1.0	**5050**	5.0 X 5.0
2016	2.0 X 1.6	**6060**	6.0 X 6.0
2020	2.0 X 2.0	**7070**	7.0 X 7.0
2520	2.5 X 2.0	**8080**	8.0 X 8.0
3030	3.0 X 3.0	**1010**	10 X 10
4040	4.0 X 4.0	**1313**	13 X 13

Thickness Code: (mm)

Code	Thick	Code	Thick	Code	Thick
5	0.5	**E**	1.5	**L**	3.0
7	0.7	**F**	1.6	**M**	3.5
9	0.9	**G**	1.8	**N**	4.0
A	1.0	**H**	2.0	**P**	4.5
B	1.1	**I**	2.4	**Q**	5.0
C	1.2	**J**	2.5	**R**	6.0
D	1.4	**K**	2.8	**S**	6.5

Inductor Value

R22=0.22 uH 2R2=2.2 uH

220=22 uH 221=220 uH

102=1000 uH

Tolerance Code:

M: ±20%

T: ±25%

N: ±30%

Packaging Code:

P: Embossed Reel (7”)

E: Embossed Reel (13”)

Specification:

S:Standard

C:High Current

R:Low DCR

M: Standard with vertical mark

H:High Current with vertical mark

T: Specific Spec

Molding Inductors (SPM Series)

■Feature

1. Magnetic shielded construction
2. Frequency range up to 3.0MHz
3. Higher rated current, capable handling at high current spikes

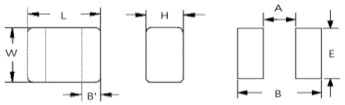
■Application

-Notebook / Desktop applications
-VGA card applications
-DC-DC Converter applications
-Low profile, high current power supplies

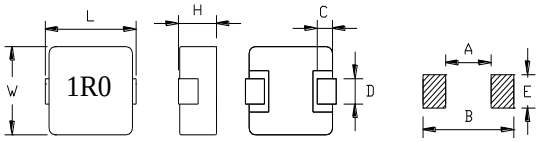
■Product Range

DARFON Series	Dimensions (mm)	Hieght (mm) max	Inductance range (0.1uH 1uH 10uH 100uH 1mH)
SPM2016	2.0*1.6	1.0	0.24uH ~ 4.7uH
SPM2520	2.5*2.0	1.0~1.2	0.47uH ~ 4.7uH
SPM4040	4.0*4.0	1.2~2.0	0.22uH ~ 10uH
SPM5050	5.0*5.0	1.2~3.0	0.22uH ~ 10uH
SPM7070	7.0*7.0	1.2~5.0	0.1uH ~ 22uH
SPM1010	10.0*10.0	4.0	0.47uH ~ 68uH
SPM1313	13.0*13.0	5.0~6.0	0.68uH ~ 100uH

■Standard External Dimensions



Series	L (mm)	W (mm)	H (mm)	B' (mm)	Recommended Land Patterns			Package	
					A (mm)	B (mm)	E (mm)	Reel	Amount(pcs)
SPM2016□□□□P*A	2.0±0.1	1.6±0.1	1.0max	0.5±0.3	0.8	2.05	1.65	7”	3,000
SPM2520□□□□P*A	2.5±0.2	2.0±0.2	1.0max	0.5±0.3	1.2	2.8	2.0	7”	3,000
SPM2520□□□□P*C	2.5±0.2	2.0±0.2	1.2max	0.5±0.3	1.2	2.8	2.0	7”	3,000



Series	L (mm)	W (mm)	H (mm)	C (mm)	D (mm)	Recommended Land Patterns			Package	
						A' (mm)	B (mm)	E (mm)	Reel	Amount(pcs)
SPM3030□□□□PSC	3.20±0.20	3.0±0.2	1.2max	0.8±0.2	1.2±0.2	1.2	4.2	2.0	7”	2,000
SPM4040□□□□ESC	4.70±0.30	4.2±0.2	1.2max	0.8±0.3	2.0±0.3	2.4	5.4	2.5	13”	3,500
SPM4040□□□□ESH	4.70±0.30	4.2±0.2	2.0max	0.8±0.3	2.0±0.3	2.4	5.4	2.5	13”	2,000
SPM5050□□□□ESC	5.70±0.30	5.2±0.2	1.2max	1.0±0.3	2.5±0.3	3.0	7.0	3.5	13”	3,000
SPM5050□□□□ESE	5.70±0.30	5.2±0.2	1.5max	1.0±0.3	2.5±0.3	3.0	7.0	3.5	13”	3,000
SPM5050□□□□ESH	5.70±0.30	5.2±0.2	2.0max	1.0±0.3	2.5±0.3	3.0	7.0	3.5	13”	3,000
SPM5050□□□□ESL	5.70±0.30	5.2±0.2	3.0max	1.0±0.3	2.5±0.3	3.0	7.0	3.5	13”	2,000
SPM7070□□□□ESC	7.20±0.30	6.6±0.2	1.2max	1.5±0.3	3.0±0.3	4.0	8.5	3.5	13”	2,500
SPM7070□□□□ESD	7.20±0.30	6.6±0.2	1.4max	1.5±0.3	3.0±0.3	4.0	8.5	3.5	13”	2,000
SPM7070□□□□ESE	7.00±0.30	6.5±0.2	1.5max	1.5±0.3	3.0±0.3	4.0	8.5	3.5	13”	2,000
SPM7070□□□□ESG	7.20±0.30	6.6±0.2	1.8max	1.5±0.3	3.0±0.3	4.0	8.5	3.5	13”	2,000
SPM7070□□□□ESL	7.20±0.30	6.6±0.2	3.0max	1.5±0.3	3.0±0.3	4.0	8.5	3.5	13”	1,500
SPM7070□□□□ERL	6.95±0.35	6.6±0.2	3.0max	1.5±0.3	3.0±0.3	4.0	8.5	3.5	13”	1,500
SPM7070□□□□ESQ	7.20±0.30	6.6±0.2	5.0max	1.5±0.3	3.0±0.3	4.0	8.5	3.5	13	1,000
SPM1010□□□□ESN	11.2±0.30	10.0±0.3	4.0max	2.0±0.5	3.0±0.5	5.5	13.5	4.0	13”	800
SPM1313□□□□ESQ	13.9±0.30	12.8±0.2	5.0max	2.0±0.5	5.0±0.5	8.0	14.5	6.0	13”	500
SPM1313□□□□ESR	13.9±0.30	12.8±0.2	6.0max	2.0±0.5	5.0±0.5	8.0	14.5	6.0	13”	500

■Part Numbers & Characteristics

DARFON P/N	Thickness	Inductance (uH)	Tolerance	DC Resistance (mΩ)		Heat Rating Current (A)Typ.	Saturation Current (A)Typ.	Measuring Condition
				Typ.	Max.			
SPM4040R33MESC	1.2mm	0.33	± 20%	14.0	16.5	6.50	9.00	100KHz/1.0V
SPM4040R47MESC	1.2mm	0.47	± 20%	19.0	21.0	6.00	6.80	100KHz/1.0V
SPM4040R68MESC	1.2mm	0.68	± 20%	32.0	36.0	4.50	6.00	100KHz/1.0V
SPM40401R0MESC	1.2mm	1.0	± 20%	43.0	47.0	4.20	5.20	100KHz/1.0V
SPM40401R5MESC	1.2mm	1.5	± 20%	68.0	75.0	3.25	4.00	100KHz/1.0V
SPM40402R2MESC	1.2mm	2.2	± 20%	79.4	83.5	2.75	3.50	100KHz/1.0V
SPM40403R3MESC	1.2mm	3.3	± 20%	120.0	138.0	2.30	3.00	100KHz/1.0V
SPM40404R7MESC	1.2mm	4.7	± 20%	175.0	195.0	1.80	2.80	100KHz/1.0V
SPM40406R8MESC	1.2mm	6.8	± 20%	292.0	358.0	1.50	2.20	100KHz/1.0V
SPM4040100MESC	1.2mm	10.0	± 20%	394.0	465.0	1.30	1.80	100KHz/1.0V
SPM4040R22MESH	2.0mm	0.22	± 20%	6.0	6.6	9.00	12.50	100KHz/1.0V
SPM4040R47MESH	2.0mm	0.47	± 20%	12.5	14.0	7.00	9.50	100KHz/1.0V
SPM4040R56MESH	2.0mm	0.56	± 20%	14.0	16.0	6.50	9.00	100KHz/1.0V
SPM4040R68MESH	2.0mm	0.68	± 20%	19.4	21.0	5.20	8.00	100KHz/1.0V
SPM40401R0MESH	2.0mm	1.0	± 20%	24.0	27.0	4.50	7.00	100KHz/1.0V
SPM40401R5MESH	2.0mm	1.5	± 20%	38.0	46.0	4.00	6.00	100KHz/1.0V
SPM40402R2MESH	2.0mm	2.2	± 20%	52.0	58.0	3.00	5.00	100KHz/1.0V
SPM40403R3MESH	2.0mm	3.3	± 20%	74.0	87.0	2.50	4.00	100KHz/1.0V
SPM40404R7MESH	2.0mm	4.7	± 20%	92.0	105.0	2.20	3.00	100KHz/1.0V
SPM40406R8MESH	2.0mm	6.8	± 20%	162.0	178.0	2.00	2.10	100KHz/1.0V
SPM4040100MESH	2.0mm	10	± 20%	256.0	282.0	1.60	1.80	100KHz/1.0V
SPM50501R0MESC	1.2mm	1.0	± 20%	31.3	32.9	5.00	6.00	100KHz/1.0V
SPM50502R2MESC	1.2mm	2.2	± 20%	67.0	76.0	3.50	4.00	100KHz/1.0V
SPM50503R3MESC	1.2mm	3.3	± 20%	85.0	98.0	3.00	3.70	100KHz/1.0V
SPM50504R7MESC	1.2mm	4.7	± 20%	145.0	163.0	2.30	2.70	100KHz/1.0V
SPM50506R8MESC	1.2mm	6.8	± 20%	225.0	250.0	2.00	2.30	100KHz/1.0V
SPM50501R0MESE	1.5mm	1.0	± 20%	20.0	23.0	6.50	9.00	100KHz/1.0V
SPM50501R2MESE	1.5mm	1.2	± 20%	22.5	26.0	6.00	8.00	100KHz/1.0V
SPM50501R5MESE	1.5mm	1.5	± 20%	46.0	53.0	4.20	7.00	100KHz/1.0V
SPM50502R2MESE	1.5mm	2.2	± 20%	58.0	64.0	3.30	6.00	100KHz/1.0V
SPM50503R3MESE	1.5mm	3.3	± 20%	70.0	80.0	3.20	4.50	100KHz/1.0V
SPM50504R7MESE	1.5mm	4.7	± 20%	103.0	115.0	3.00	4.00	100KHz/1.0V
SPM50506R8MESE	1.5mm	6.8	± 20%	167.0	180.0	2.50	3.20	100KHz/1.0V
SPM5050100MESE	1.5mm	10	± 20%	220.0	246.0	2.00	3.00	100KHz/1.0V
SPM5050R22MESH	2.0mm	0.22	± 20%	4.1	4.5	12.00	20.00	100KHz/1.0V
SPM5050R24MESH	2.0mm	0.24	± 20%	5.0	5.8	11.70	18.50	100KHz/1.0V
SPM5050R33MESH	2.0mm	0.33	± 20%	5.5	5.9	11.50	16.00	100KHz/1.0V
SPM5050R47MESH	2.0mm	0.47	± 20%	8.0	10.0	10.50	15.50	100KHz/1.0V
SPM5050R56MESH	2.0mm	0.56	± 20%	8.2	10.0	10.00	13.00	100KHz/1.0V
SPM5050R68MESH	2.0mm	0.68	± 20%	10.5	13.0	9.50	12.00	100KHz/1.0V
SPM50501R0MESH	2.0mm	1.0	± 20%	15.0	17.0	8.00	9.50	100KHz/1.0V
SPM50501R2MESH	2.0mm	1.2	± 20%	19.5	22.5	7.00	9.00	100KHz/1.0V
SPM50501R5MESH	2.0mm	1.5	± 20%	24.2	27.5	6.00	8.50	100KHz/1.0V
SPM50502R2MESH	2.0mm	2.2	± 20%	30.0	35.0	5.00	6.50	100KHz/1.0V
SPM50503R3MESH	2.0mm	3.3	± 20%	49.0	55.0	4.50	5.50	100KHz/1.0V
SPM50504R7MESH	2.0mm	4.7	± 20%	75.3	81.3	3.50	4.50	100KHz/1.0V
SPM50505R6MESH	2.0mm	5.6	± 20%	85.2	92.0	3.00	4.00	100KHz/1.0V
SPM50506R8MESH	2.0mm	6.8	± 20%	107.0	120.0	2.80	3.60	100KHz/1.0V
SPM5050100MESH	2.0mm	10	± 20%	140.0	155.0	2.40	3.40	100KHz/1.0V
SPM50501R0MESL	3.0mm	1.0	± 20%	13.0	14.0	7.00	11.00	100KHz/1.0V
SPM50502R2MESL	3.0mm	2.2	± 20%	29.0	35.0	5.50	9.00	100KHz/1.0V
SPM50503R3MESL	3.0mm	3.3	± 20%	32.0	38.0	5.00	7.00	100KHz/1.0V
SPM50504R7MESL	3.0mm	4.7	± 20%	50.0	60.0	4.40	6.00	100KHz/1.0V
SPM50506R8MESL	3.0mm	6.8	± 20%	75.0	88.5	3.40	3.80	100KHz/1.0V
SPM5050100MESL	3.0mm	10	± 20%	95.0	114.0	2.50	3.50	100KHz/1.0V

DARFON P/N	Thickness	Inductance (uH)	Tolerance	DC Resistance (mΩ)		Heat Rating Current (A)Typ.	Saturation Current (A)Typ.	Measuring Condition
				Typ.	Max.			
SPM7070R56MESC	1.2mm	0.56	± 20%	13.5	15.5	7.00	11.00	100KHz/1.0V
SPM7070R68MESC	1.2mm	0.68	± 20%	15.0	17.5	6.70	9.00	100KHz/1.0V
SPM7070R82MESC	1.2mm	0.82	± 20%	21.5	24.5	6.30	8.00	100KHz/1.0V
SPM70701R0MESC	1.2mm	1.0	± 20%	25.0	29.0	6.00	7.00	100KHz/1.0V
SPM70702R2MESC	1.2mm	2.2	± 20%	51.5	59.0	4.00	5.00	100KHz/1.0V
SPM70703R3MESC	1.2mm	3.3	± 20%	80.0	92.0	3.00	4.00	100KHz/1.0V
SPM70704R7MESC	1.2mm	4.7	± 20%	106.0	122.0	2.70	3.50	100KHz/1.0V
SPM70706R8MESC	1.2mm	6.8	± 20%	185.0	210.0	2.20	2.80	100KHz/1.0V
SPM7070100MESC	1.2mm	10	± 20%	250.0	290.0	2.00	2.20	100KHz/1.0V
SPM70706R8MESD	1.4mm	6.8	± 20%	189.0	217.0	2.20	2.50	100KHz/1.0V
SPM7070R33MESE	1.5mm	0.33	± 20%	6.8	7.8	10.00	19.50	100KHz/1.0V
SPM7070R47MESE	1.5mm	0.47	± 20%	8.5	9.8	9.50	16.00	100KHz/1.0V
SPM7070R56MESE	1.5mm	0.56	± 20%	9.5	11.0	9.00	14.00	100KHz/1.0V
SPM7070R68MESE	1.5mm	0.68	± 20%	12.5	14.5	8.00	12.00	100KHz/1.0V
SPM7070R82MESE	1.5mm	0.82	± 20%	15.0	17.0	7.00	10.00	100KHz/1.0V
SPM70701R0MESE	1.5mm	1.0	± 20%	18.5	21.0	5.50	9.00	100KHz/1.0V
SPM70701R5MESE	1.5mm	1.5	± 20%	37.0	42.5	5.00	7.00	100KHz/1.0V
SPM70702R2MESE	1.5mm	2.2	± 20%	46.0	54.0	3.50	6.00	100KHz/1.0V
SPM70703R3MESE	1.5mm	3.3	± 20%	54.0	63.0	3.30	5.50	100KHz/1.0V
SPM70704R7MESE	1.5mm	4.7	± 20%	76.0	85.0	3.00	5.00	100KHz/1.0V
SPM70705R6MESE	1.5mm	5.6	± 20%	96.0	118.0	2.80	4.50	100KHz/1.0V
SPM70706R8MESE	1.5mm	6.8	± 20%	125.0	135.0	2.50	4.00	100KHz/1.0V
SPM7070100MESE	1.5mm	10	± 20%	165.0	175.0	2.00	3.00	100KHz/1.0V
SPM7070R22MESG	1.8mm	0.22	± 20%	4.5	5.2	14.00	29.00	100KHz/1.0V
SPM7070R33MESG	1.8mm	0.33	± 20%	5.2	6.8	12.00	22.00	100KHz/1.0V
SPM7070R47MESG	1.8mm	0.47	± 20%	7.3	8.4	11.00	17.00	100KHz/1.0V
SPM7070R68MESG	1.8mm	0.68	± 20%	10.8	12.7	9.00	16.00	100KHz/1.0V
SPM7070R82MESG	1.8mm	0.82	± 20%	13.4	15.9	8.00	14.00	100KHz/1.0V
SPM70701R0MESG	1.8mm	1.0	± 20%	14.5	17.0	7.00	12.00	100KHz/1.0V
SPM70702R2MESG	1.8mm	2.2	± 20%	31.0	35.0	5.00	8.00	100KHz/1.0V
SPM70703R3MESG	1.8mm	3.3	± 20%	56.0	60.0	3.50	7.00	100KHz/1.0V
SPM70704R7MESG	1.8mm	4.7	± 20%	68.0	75.0	3.20	5.50	100KHz/1.0V
SPM70706R8MESG	1.8mm	6.8	± 20%	101.0	110.0	2.80	4.50	100KHz/1.0V
SPM70708R2MESG	1.8mm	8.2	± 20%	124.0	142.0	2.50	4.00	100KHz/1.0V
SPM7070100MESG	1.8mm	10	± 20%	155.0	166.0	2.00	3.00	100KHz/1.0V
SPM7070R10NESL	3.0mm	0.10	± 30%	1.5	1.7	32.50	60.00	100KHz/1.0V
SPM7070R22MESL	3.0mm	0.22	± 20%	2.5	2.8	23.00	34.00	100KHz/1.0V
SPM7070R33MESL	3.0mm	0.33	± 20%	3.0	3.5	21.00	25.00	100KHz/1.0V
SPM7070R47MESL	3.0mm	0.47	± 20%	3.5	4.1	18.00	20.00	100KHz/1.0V
SPM7070R56MESL	3.0mm	0.56	± 20%	3.9	4.5	16.50	18.00	100KHz/1.0V
SPM7070R68MESL	3.0mm	0.68	± 20%	4.5	5.0	16.00	17.00	100KHz/1.0V
SPM7070R82MESL	3.0mm	0.82	± 20%	7.0	7.5	14.00	16.00	100KHz/1.0V
SPM70701R0MESL	3.0mm	1.0	± 20%	8.5	9.0	12.00	15.00	100KHz/1.0V
SPM70701R5MESL	3.0mm	1.5	± 20%	10.6	12.1	10.00	13.00	100KHz/1.0V
SPM70702R2MESL	3.0mm	2.2	± 20%	15.5	18.0	8.00	10.00	100KHz/1.0V
SPM70702R5MESL	3.0mm	2.5	± 20%	18.0	20.0	7.00	10.00	100KHz/1.0V
SPM70703R3MESL	3.0mm	3.3	± 20%	25.0	28.0	6.50	9.00	100KHz/1.0V
SPM70704R7MESL	3.0mm	4.7	± 20%	32.5	35.0	5.50	6.50	100KHz/1.0V
SPM70705R6MESL	3.0mm	5.6	± 20%	36.0	42.0	5.00	6.25	100KHz/1.0V
SPM70706R8MESL	3.0mm	6.8	± 20%	43.9	50.0	4.50	6.00	100KHz/1.0V
SPM70708R2MESL	3.0mm	8.2	± 20%	54.0	60.0	4.50	6.00	100KHz/1.0V
SPM7070100MESL	3.0mm	10	± 20%	62.0	68.0	4.00	5.50	100KHz/1.0V
SPM7070150MESL	3.0mm	15	± 20%	105.0	125.0	3.00	4.00	100KHz/1.0V
SPM7070220MESL	3.0mm	22	± 20%	144.0	160.0	2.50	3.00	100KHz/1.0V
SPM7070R68MESQ	5.0mm	0.68	± 20%	3.3	3.6	18.00	17.00	100KHz/1.0V
SPM7070R82MESQ	5.0mm	0.82	± 20%	4.6	4.9	16.50	17.00	100KHz/1.0V
SPM70701R0MESQ	5.0mm	1.0	± 20%	4.5	5.3	14.50	16.00	100KHz/1.0V
SPM70701R5MESQ	5.0mm	1.5	± 20%	6.0	7.5	11.50	15.00	100KHz/1.0V
SPM70702R2MESQ	5.0mm	2.2	± 20%	9.0	10.5	10.50	13.50	100KHz/1.0V
SPM70703R3MESQ	5.0mm	3.3	± 20%	14.0	15.0	9.00	10.00	100KHz/1.0V
SPM70704R7MESQ	5.0mm	4.7	± 20%	23.0	25.0	6.50	8.00	100KHz/1.0V
SPM70705R6MESQ	5.0mm	5.6	± 20%	31.5	34.4	6.00	7.00	100KHz/1.0V
SPM70706R8MESQ	5.0mm	6.8	± 20%	31.5	35.5	5.50	6.50	100KHz/1.0V
SPM70708R2MESQ	5.0mm	8.2	± 20%	40.0	43.0	5.00	5.50	100KHz/1.0V
SPM7070100MESQ	5.0mm	10	± 20%	48.0	55.0	4.50	5.00	100KHz/1.0V

DARFON P/N	Thickness	Inductance (uH)	Tolerance	DC Resistance (mΩ)		Heat Rating Current (A)Typ.	Saturation Current (A)Typ.	Measuring Condition
				Typ.	Max.			
SPM1010R47METN	4.0mm	0.47	± 20%	2.5	3.0	21.0	35.0	100KHz/1.0V
SPM1010R68METN	4.0mm	0.68	± 20%	3.0	3.3	18.0	29.0	100KHz/1.0V
SPM10101R0METN	4.0mm	1.00	± 20%	3.3	3.6	17.0	28.0	100KHz/1.0V
SPM10102R2MESN	4.0mm	2.2	± 20%	6.0	7.0	12.0	18.0	100KHz/1.0V
SPM10103R3MESN	4.0mm	3.3	± 20%	10.8	11.8	10.0	16.0	100KHz/1.0V
SPM10104R7MESN	4.0mm	4.7	± 20%	17.0	20.0	8.5	15.0	100KHz/1.0V
SPM10105R6MESN	4.0mm	5.6	± 20%	20.0	23.0	8.0	14.0	100KHz/1.0V
SPM10106R8MESN	4.0mm	6.8	± 20%	22.5	25.0	7.0	12.0	100KHz/1.0V
SPM10108R2MESN	4.0mm	8.2	± 20%	25.0	27.0	6.5	9.0	100KHz/1.0V
SPM1010100MESN	4.0mm	10	± 20%	27.0	30.0	6.5	8.5	100KHz/1.0V
SPM1010150MESN	4.0mm	15	± 20%	40.0	45.0	6.3	7.0	100KHz/1.0V
SPM1010220MESN	4.0mm	22	± 20%	60.0	66.0	5.0	5.5	100KHz/1.0V
SPM1010330MESN	4.0mm	33	± 20%	85.0	92.0	4.0	4.5	100KHz/1.0V
SPM1010470MESN	4.0mm	47	± 20%	130.0	145.0	3.3	3.5	100KHz/1.0V
SPM1010680MESN	4.0mm	68	± 20%	178.0	195.0	2.3	3.0	100KHz/1.0V
SPM1313R68METQ	5.0mm	0.68	± 20%	2.5	3.0	23.00	38.00	100KHz/1.0V
SPM13131R0METQ	5.0mm	1.0	± 20%	3.0	3.6	22.00	28.00	100KHz/1.0V
SPM13131R5METQ	5.0mm	1.5	± 20%	3.5	4.2	18.50	23.00	100KHz/1.0V
SPM13132R2MESQ	5.0mm	2.2	± 20%	4.0	5.0	15.00	24.00	100KHz/1.0V
SPM13133R3MESQ	5.0mm	3.3	± 20%	5.9	7.0	14.00	22.00	100KHz/1.0V
SPM1313100MESQ	5.0mm	10	± 20%	19.0	22.0	9.00	12.00	100KHz/1.0V
SPM1313220MESQ	5.0mm	22	± 20%	51.0	58.0	4.50	6.50	100KHz/1.0V
SPM1313270MESQ	5.0mm	27	± 20%	58.0	66.0	4.00	6.30	100KHz/1.0V
SPM1313330MESQ	5.0mm	33	± 20%	75.0	84.0	3.50	6.00	100KHz/1.0V
SPM1313470MESQ	5.0mm	47	± 20%	116.0	130.0	3.00	5.00	100KHz/1.0V
SPM13133R3MESR	6.0mm	3.3	± 20%	5.3	6.4	17.00	22.00	100KHz/1.0V
SPM13134R7MESR	6.0mm	4.7	± 20%	7.2	9.0	16.00	18.00	100KHz/1.0V
SPM13136R8MESR	6.0mm	6.8	± 20%	9.5	12.0	12.00	15.00	100KHz/1.0V
SPM13138R2MESR	6.0mm	8.2	± 20%	13.6	16.0	11.00	13.50	100KHz/1.0V
SPM1313100MESR	6.0mm	10	± 20%	18.0	20.7	10.00	12.50	100KHz/1.0V
SPM1313120MESR	6.0mm	12	± 20%	20.0	23.0	7.00	10.00	100KHz/1.0V
SPM1313150MESR	6.0mm	15	± 20%	25.0	29.0	6.00	9.00	100KHz/1.0V
SPM1313220MESR	6.0mm	22	± 20%	34.0	39.5	5.00	7.50	100KHz/1.0V
SPM1313270MESR	6.0mm	27	± 20%	49.0	56.0	4.50	6.50	100KHz/1.0V
SPM1313330MESR	6.0mm	33	± 20%	65.0	75.0	4.00	6.00	100KHz/1.0V
SPM1313470MESR	6.0mm	47	± 20%	80.0	90.0	3.50	5.50	100KHz/1.0V
SPM1313680MESR	6.0mm	68	± 20%	120.0	140.0	3.00	4.50	100KHz/1.0V
SPM1313101MESR	6.0mm	100	± 20%	180.0	200.0	2.50	3.50	100KHz/1.0V

All test data are referenced to 25℃ ambient.

※Isat: DC current(A) that will cause inductance to drop approximately 30%.

※Idc: DC current(A) that will cause an approximate △T of 40℃.