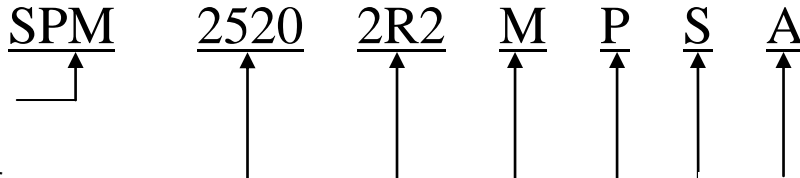


Wire Wound Power Inductors (SPM/SPS/SPH/SPN Series)

Ordering Code



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

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")

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

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

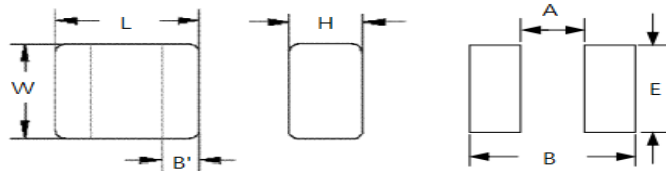
Application

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

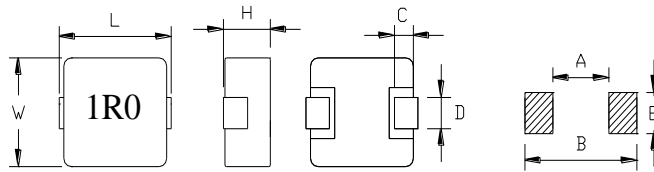
Product Range

DARFON Item	Dimensions	Hieght	Inductance range						
	(mm)	(mm) max	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	0.24uH				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				10uH		
SPM1010	10.0*10.0	4.0	2.2uH				68uH		
SPM1313	13.0*13.0	5.0~6.0	3.3uH				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□□□□PTA	2.0±0.1	1.6±0.1	1.0max	0.5±0.3	0.8	2.05	1.65	7"	3,000
SPM2520□□□□PTA	2.5±0.2	2.0±0.2	1.0max	0.5±0.3	1.2	2.8	2.0	7"	3,000
SPM2520□□□□PSC	2.5±0.2	2.0±0.2	1.2max	0.5±0.3	1.2	2.8	2.0	7"	2,000
SPM2520□□□□PTC	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

•SPM2016

DARFON P/N	Thickness	Inductance (uH)	Tolerance	DC Resistance (mΩ)		Heat Rating Current	Saturation Current	Measuring Condition
				Typ.	Max.	DC Amp.	DC Amps.	
						Idc(A) Typ.	Isat(A) Typ.	
SPM2016R24MPTA	1.0mm	0.24	± 20%	33	42	3.30	5.00	1MHz/1.0V
SPM2016R47MPTA		0.47	± 20%	38	46	3.20	3.70	1MHz/1.0V
SPM2016R68MPTA		0.68	± 20%	54	65	2.70	2.70	1MHz/1.0V
SPM20161R0MPTA		1.0	± 20%	60	75	2.65	2.65	1MHz/1.0V
SPM20161R5MPTA		1.5	± 20%	115	130	1.75	1.90	1MHz/1.0V
SPM20162R2MPTA		2.2	± 20%	131	160	1.65	1.75	1MHz/1.0V
SPM20163R3MPTA		3.3	± 20%	210	255	1.30	1.30	1MHz/1.0V
SPM20164R7MPTA		4.7	± 20%	308	380	1.05	1.20	1MHz/1.0V

•SPM2520

DARFON P/N	Thickness	Inductance (uH)	Tolerance	DC Resistance (mΩ)		Heat Rating Current	Saturation Current	Measuring Condition
				Typ.	Max.	DC Amp.	DC Amps.	
						Idc(A) Typ.	Isat(A) Typ.	
SPM2016R24MPTA	1.0mm	0.24	± 20%	33	42	3.30	5.00	1MHz/1.0V
SPM2016R47MPTA		0.47	± 20%	38	46	3.20	3.70	1MHz/1.0V
SPM2016R68MPTA		0.68	± 20%	54	65	2.70	2.70	1MHz/1.0V
SPM20161R0MPTA		1.0	± 20%	60	75	2.65	2.65	1MHz/1.0V
SPM2520R47MPTC	1.2mm	0.47	± 20%	30	39	3.90	4.80	1MHz/1.0V
SPM2520R68MPTC		0.68	± 20%	36	47	3.40	3.70	1MHz/1.0V
SPM25201R0MPTC		1.0	± 20%	45	59	3.10	3.60	1MHz/1.0V
SPM25202R2MPTC		2.2	± 20%	90	117	2.20	2.40	1MHz/1.0V
SPM25203R3MPTC		3.3	± 20%	120	156	1.90	2.10	1MHz/1.0V
SPM25204R7MPTC		4.7	± 20%	200	260	1.50	1.70	1MHz/1.0V

•SPM4040

DARFON P/N	Thickness	Inductance (uH)	Tolerance	DC Resistance (mΩ)		Heat Rating Current	Saturation Current	Measuring Condition
				Typ.	Max.	DC Amp.	DC Amps.	
						Idc(A) Typ.	Isat(A) Typ.	
SPM4040R33MES	1.2mm	0.33	± 20%	14.0	16.5	6.50	9.00	100KHz/1.0V
SPM4040R47MES		0.47	± 20%	19.0	21.0	6.00	6.80	100KHz/1.0V
SPM4040R68MES		0.68	± 20%	32.0	36.0	4.50	6.00	100KHz/1.0V
SPM4040R10MES		1.0	± 20%	43.0	47.0	4.20	5.20	100KHz/1.0V
SPM4040R15MES		1.5	± 20%	68.0	75.0	3.25	4.00	100KHz/1.0V
SPM4040R22MES		2.2	± 20%	79.4	83.5	2.75	3.50	100KHz/1.0V
SPM4040R33MES		3.3	± 20%	120.0	138.0	2.30	3.00	100KHz/1.0V
SPM4040R47MES		4.7	± 20%	175.0	195.0	1.80	2.80	100KHz/1.0V
SPM4040R68MES		6.8	± 20%	292.0	358.0	1.50	2.20	100KHz/1.0V
SPM4040R100MES		10	± 20%	394.0	465.0	1.30	1.80	100KHz/1.0V
SPM4040R22MES	2.0mm	0.22	± 20%	6.0	6.6	9.00	12.50	100KHz/1.0V
SPM4040R47MES		0.47	± 20%	12.5	14.0	7.00	9.50	100KHz/1.0V
SPM4040R56MES		0.56	± 20%	14.0	16.0	6.50	9.00	100KHz/1.0V
SPM4040R68MES		0.68	± 20%	19.4	21.0	5.20	8.00	100KHz/1.0V
SPM4040R10MES		1.0	± 20%	24.0	27.0	4.50	7.00	100KHz/1.0V
SPM4040R15MES		1.5	± 20%	38.0	46.0	4.00	6.00	100KHz/1.0V
SPM4040R22MES		2.2	± 20%	52.0	58.0	3.00	5.00	100KHz/1.0V
SPM4040R33MES		3.3	± 20%	74.0	87.0	2.50	4.00	100KHz/1.0V
SPM4040R47MES		4.7	± 20%	92.0	105.0	2.20	3.00	100KHz/1.0V
SPM4040R68MES		6.8	± 20%	162.0	178.0	2.00	2.10	100KHz/1.0V
SPM4040R100MES	10	± 20%	256.0	282.0	1.80	2.20	100KHz/1.0V	

•SPM5050

DARFON P/N	Thickness	Inductance (uH)	Tolerance	DC Resistance (mΩ)		Heat Rating Current	Saturation Current	Measuring Condition
				Typ.	Max.	DC Amp.	DC Amps.	
						Idc(A) Typ.	Isat(A) Typ.	
SPM5050R10MES	1.2mm	1.0	± 20%	31.3	32.9	5.00	6.00	100KHz/1.0V
SPM5050R22MES		2.2	± 20%	67.0	76.0	3.50	4.00	100KHz/1.0V
SPM5050R33MES		3.3	± 20%	85.0	98.0	3.00	3.70	100KHz/1.0V
SPM5050R47MES		4.7	± 20%	145.0	163.0	2.30	2.70	100KHz/1.0V
SPM5050R68MES		6.8	± 20%	225.0	250.0	2.00	2.30	100KHz/1.0V
SPM5050R100MES		10	± 20%	20.0	23.0	6.50	9.00	100KHz/1.0V
SPM5050R12MES	1.5mm	1.2	± 20%	22.5	26.0	6.00	8.00	100KHz/1.0V
SPM5050R22MES		2.2	± 20%	58.0	64.0	3.30	6.00	100KHz/1.0V
SPM5050R33MES		3.3	± 20%	65.0	72.0	3.20	5.00	100KHz/1.0V
SPM5050R47MES		4.7	± 20%	103.0	115.0	3.00	4.00	100KHz/1.0V
SPM5050R68MES		6.8	± 20%	167.0	180.0	2.50	3.20	100KHz/1.0V
SPM5050R100MES		10	± 20%	220.0	246.0	2.00	3.00	100KHz/1.0V
SPM5050R22MES	2.0mm	0.22	± 20%	4.1	4.5	12.00	20.00	100KHz/1.0V
SPM5050R33MES		0.33	± 20%	5.5	5.9	11.50	16.00	100KHz/1.0V
SPM5050R47MES		0.47	± 20%	8.0	10.0	10.50	15.50	100KHz/1.0V
SPM5050R56MES		0.56	± 20%	8.2	10.0	10.00	13.00	100KHz/1.0V
SPM5050R68MES		0.68	± 20%	10.5	13.0	9.50	12.00	100KHz/1.0V
SPM5050R10MES		1.0	± 20%	15.0	17.0	8.00	9.50	100KHz/1.0V
SPM5050R12MES		1.2	± 20%	19.5	22.5	7.00	9.00	100KHz/1.0V
SPM5050R15MES		1.5	± 20%	24.2	27.5	6.00	8.50	100KHz/1.0V
SPM5050R22MES		2.2	± 20%	30.0	35.0	5.00	6.50	100KHz/1.0V
SPM5050R33MES		3.3	± 20%	49.0	55.0	4.50	5.50	100KHz/1.0V
SPM5050R47MES		4.7	± 20%	75.3	81.3	3.50	4.50	100KHz/1.0V
SPM5050R6MES		5.6	± 20%	85.2	92.0	3.00	4.00	100KHz/1.0V
SPM5050R8MES		6.8	± 20%	107.0	120.0	2.80	3.60	100KHz/1.0V
SPM5050R100MES		10	± 20%	140.0	155.0	2.40	3.40	100KHz/1.0V
SPM5050R10MESL	3.0mm	1.0	± 20%	13.0	14.0	7.00	11.00	100KHz/1.0V
SPM5050R22MESL		2.2	± 20%	29.0	35.0	5.50	9.00	100KHz/1.0V
SPM5050R33MESL		3.3	± 20%	32.0	38.0	5.00	7.00	100KHz/1.0V
SPM5050R47MESL		4.7	± 20%	50.0	60.0	4.40	6.00	100KHz/1.0V
SPM5050R68MESL		6.8	± 20%	75.0	88.5	3.4	3.8	100KHz/1.0V
SPM5050R100MESL		10	± 20%	95.0	114.0	2.5	3.5	100KHz/1.0V

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

※Idc: DC current(A) that will cause an approximate ΔT of 40°C.

•SPM7070

DARFON P/N	Thickness	Inductance (uH)	Tolerance	DC Resistance(mΩ)		Heat Rating	Saturation	Measuring Condition	
				(mΩ)		DC Amp.	DC Amps.		
				Typ.	Max.	Idc(A) Typ.	Isat(A) Typ.		
SPM7070R68MESG	1.2mm	0.68	± 20%	15.0	17.5	6.70	9.00	100KHz/1.0V	
SPM70701R0MESG		1.0	± 20%	25.0	29.0	6.00	7.00	100KHz/1.0V	
SPM70702R2MESG		2.2	± 20%	51.5	59.0	4.00	5.00	100KHz/1.0V	
SPM70703R3MESG		3.3	± 20%	80.0	92.0	3.00	4.00	100KHz/1.0V	
SPM70704R7MESG		4.7	± 20%	106.0	122.0	2.70	3.50	100KHz/1.0V	
SPM70706R8MESG		6.8	± 20%	185.0	217.0	2.20	2.40	100KHz/1.0V	
SPM7070100MESG		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		0.47	± 20%	8.5	9.8	9.50	16.00	100KHz/1.0V	
SPM7070R56MESE		0.56	± 20%	9.5	11.0	9.00	14.00	100KHz/1.0V	
SPM7070R68MESE		0.68	± 20%	12.5	14.5	8.00	12.00	100KHz/1.0V	
SPM7070R82MESE		0.82	± 20%	15.0	17.0	7.00	10.00	100KHz/1.0V	
SPM70701R0MESE		1.0	± 20%	18.5	21.0	5.50	9.00	100KHz/1.0V	
SPM70701R5MESE		1.5	± 20%	37.0	42.5	5.00	7.00	100KHz/1.0V	
SPM70702R2MESE		2.2	± 20%	46.0	54.0	3.50	6.00	100KHz/1.0V	
SPM70703R3MESE		3.3	± 20%	54.0	63.0	3.30	5.50	100KHz/1.0V	
SPM70704R7MESE		4.7	± 20%	76.0	85.0	3.00	5.00	100KHz/1.0V	
SPM70705R6MESE		5.6	± 20%	96.0	118.0	2.80	4.50	100KHz/1.0V	
SPM70706R8MESE		6.8	± 20%	125.0	135.0	2.50	4.00	100KHz/1.0V	
SPM7070100MESE		10	± 20%	165.0	175.0	2.00	3.00	100KHz/1.0V	
SPM7070R33MESG		1.8mm	0.33	± 20%	5.2	6.8	12.00	22.00	100KHz/1.0V
SPM7070R47MESG	0.47		± 20%	7.3	8.4	11.00	17.00	100KHz/1.0V	
SPM7070R68MESG	0.68		± 20%	10.8	12.7	9.00	16.00	100KHz/1.0V	
SPM7070R82MESG	0.82		± 20%	13.4	15.9	8.00	14.00	100KHz/1.0V	
SPM70701R0MESG	1.0		± 20%	14.5	17.0	7.00	12.00	100KHz/1.0V	
SPM70702R2MESG	2.2		± 20%	31.0	35.0	5.00	8.00	100KHz/1.0V	
SPM70703R3MESG	3.3		± 20%	56.0	60.0	3.50	7.00	100KHz/1.0V	
SPM70704R7MESG	4.7		± 20%	68.0	75.0	3.20	5.50	100KHz/1.0V	
SPM70706R8MESG	6.8		± 20%	101.0	110.0	2.80	4.50	100KHz/1.0V	
SPM70708R2MESG	8.2		± 20%	124.0	142.0	2.50	4.00	100KHz/1.0V	
SPM7070100MESG	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			0.22	± 20%	2.5	2.8	23.00	34.00	100KHz/1.0V
SPM7070R33MESL			0.33	± 20%	3.0	3.5	21.00	25.00	100KHz/1.0V
SPM7070R47MESL		0.47	± 20%	3.5	4.1	18.00	20.00	100KHz/1.0V	
SPM7070R56MESL		0.56	± 20%	3.9	4.5	16.50	18.00	100KHz/1.0V	
SPM7070R68MESL		0.68	± 20%	4.5	5.0	16.00	17.00	100KHz/1.0V	
SPM7070R82MESL		0.82	± 20%	7.0	7.5	14.00	16.00	100KHz/1.0V	
SPM70701R0MESL		1.0	± 20%	8.5	9.0	12.00	15.00	100KHz/1.0V	
SPM70701R5MESL		1.5	± 20%	10.6	12.1	10.00	13.00	100KHz/1.0V	
SPM70702R2MESL		2.2	± 20%	15.5	18.0	8.00	10.00	100KHz/1.0V	
SPM70702R5MESL		2.5	± 20%	18.0	20.0	7.00	10.00	100KHz/1.0V	
SPM70703R3MESL		3.3	± 20%	25.0	28.0	6.50	9.00	100KHz/1.0V	
SPM70704R7MESL		4.7	± 20%	32.5	35.0	5.50	6.50	100KHz/1.0V	
SPM70705R6MESL		5.6	± 20%	36.0	42.0	5.00	6.30	100KHz/1.0V	
SPM70706R8MESL		6.8	± 20%	43.9	50.0	4.50	6.00	100KHz/1.0V	
SPM70708R2MESL		8.2	± 20%	54.0	60.0	4.50	6.00	100KHz/1.0V	
SPM7070100MESL		10	± 20%	62.0	68.0	4.00	5.50	100KHz/1.0V	
SPM7070220MESL		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		0.82	± 20%	4.6	4.9	16.50	17.00	100KHz/1.0V	
SPM70701R0MESQ		1.0	± 20%	4.5	5.3	14.50	16.00	100KHz/1.0V	
SPM70701R5MESQ		1.5	± 20%	6.0	7.5	11.50	15.00	100KHz/1.0V	
SPM70702R2MESQ		2.2	± 20%	9.0	10.2	10.50	13.50	100KHz/1.0V	
SPM70703R3MESQ		3.3	± 20%	14.0	15.0	9.00	12.00	100KHz/1.0V	
SPM70704R7MESQ		4.7	± 20%	23.0	25.0	6.50	8.00	100KHz/1.0V	
SPM70705R6MESQ		5.6	± 20%	31.5	34.4	6.00	7.00	100KHz/1.0V	
SPM70706R8MESQ		6.8	± 20%	31.0	35.5	5.50	6.50	100KHz/1.0V	
SPM70708R2MESQ		8.2	± 20%	40.0	43.0	5.00	5.50	100KHz/1.0V	
SPM7070100MESQ	10	± 20%	48.0	55.0	4.50	5.00	100KHz/1.0V		

•SPM1010

DARFON P/N	Thickness	Inductance (uH)	Tolerance	DC Resistance		Heat Rating Current	Saturation Current	Measuring Condition
				(mΩ)		DC Amp.	DC Amps.	
				Typ.	Max.	Idc(A) Typ.	Isat(A) Typ.	
SPM10102R2MESN	4.0mm	2.2	± 20%	6.0	7.0	12.00	18.00	100KHz/1.0V
SPM10103R3MESN		3.3	± 20%	10.8	11.8	10.00	16.00	100KHz/1.0V
SPM10104R7MESN		4.7	± 20%	17.0	20.0	8.50	15.00	100KHz/1.0V
SPM10105R6MESN		5.6	± 20%	20.0	23.0	8.00	14.00	100KHz/1.0V
SPM10106R8MESN		6.8	± 20%	22.5	25.0	7.00	12.00	100KHz/1.0V
SPM10108R2MESN		8.2	± 20%	25.0	27.0	6.50	9.00	100KHz/1.0V
SPM1010100MESN		10	± 20%	27.0	30.0	6.50	8.50	100KHz/1.0V
SPM1010150MESN		15	± 20%	40.0	45.0	6.30	7.00	100KHz/1.0V
SPM1010220MESN		22	± 20%	60.0	66.0	5.00	5.50	100KHz/1.0V
SPM1010330MESN		33	± 20%	85.0	92.0	4.00	4.50	100KHz/1.0V
SPM1010470MESN		47	± 20%	130.0	145.0	3.30	3.50	100KHz/1.0V

•SPM1313

DARFON P/N	Thickness	Inductance (uH)	Tolerance	DC Resistance		Heat Rating Current	Saturation Current	Measuring Condition
				(mΩ)		DC Amp.	DC Amps.	
				Typ.	Max.	Idc(A) Typ.	Isat(A) Typ.	
SPM13133R3MESQ	5.0mm	3.3	± 20%	5.9	7.0	14.00	22.00	100KHz/1.0V
SPM1313100MESQ		10	± 20%	19.0	22.0	9.00	12.00	100KHz/1.0V
SPM1313220MESQ		22	± 20%	51.0	58.0	4.50	6.50	100KHz/1.0V
SPM1313270MESQ		27	± 20%	58.0	66.0	4.00	6.30	100KHz/1.0V
SPM1313330MESQ		33	± 20%	75.0	84.0	3.50	6.00	100KHz/1.0V
SPM1313470MESQ		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		4.7	± 20%	7.2	9.0	16.00	18.00	100KHz/1.0V
SPM13136R8MESR		6.8	± 20%	9.5	12.0	12.00	15.00	100KHz/1.0V
SPM13138R2MESR		8.2	± 20%	13.6	16.0	11.00	13.50	100KHz/1.0V
SPM1313100MESR		10	± 20%	18.0	20.7	10.00	12.50	100KHz/1.0V
SPM1313120MESR		12	± 20%	20.0	23.0	7.00	10.00	100KHz/1.0V
SPM1313150MESR		15	± 20%	25.0	29.0	6.00	9.00	100KHz/1.0V
SPM1313220MESR		22	± 20%	34.0	39.5	5.00	7.50	100KHz/1.0V
SPM1313270MESR		27	± 20%	49.0	56.0	4.50	6.50	100KHz/1.0V
SPM1313330MESR		33	± 20%	65.0	75.0	4.00	6.00	100KHz/1.0V
SPM1313470MESR		47	± 20%	80.0	90.0	3.50	5.50	100KHz/1.0V
SPM1313680MESR		68	± 20%	120.0	140.0	3.00	4.50	100KHz/1.0V
SPM1313101MESR		100	± 20%	180.0	200.0	2.50	3.50	100KHz/1.0V

All test data are referenced to 25°C ambient.

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

※Idc: DC current(A) that will cause an approximate ΔT of 40°C