



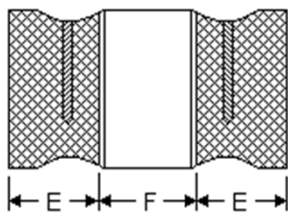
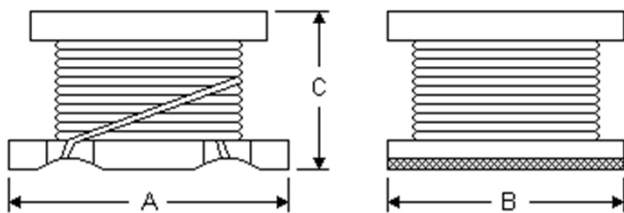
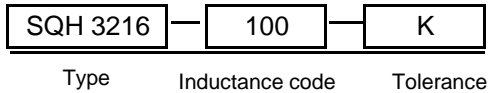
■ Features:

- Magnetically shielded and low DC resistance
- Suitable for large currents
- Ideal for a variety of DC-DC converter inductor applications

■ Applications:

- DC to DC converters for portable equipment, camcorder, LCD television set, digital camera, P.D.A., notebook

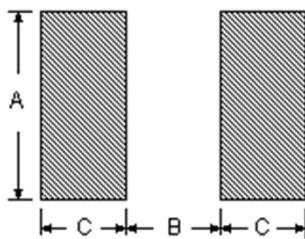
■ Parts code:



Dimensions in mm

TYPE	A	B	C	E	F
SQH 3216	3.2 ±0.3	1.6 ±0.2	1.8 ±0.3	0.7 Min	0.7 Min
SQH 3225	3.2 ±0.3	2.5 ±0.2	2.2 ±0.3	0.7 Min	0.7 Min
SQH 4532	4.5 ±0.3	3.2 ±0.2	2.6 ±0.3	1.0 Min	1.0 Min
SQH 5750	5.7 ±0.3	5.0 ±0.3	4.7 ±0.3	1.3 Min	1.7 Min

■ Recommended Land Pattern:



Type	A	B	C
SQH 3216	1.5	1.0	1.5
SQH 3225	2.0	1.0	1.5
SQH 4532	3.0	1.2	2.0
SQH 5750	5.0	2.0	2.0

■ Package:

TYPE	SQH 3216	SQH 3225	SQH 4532	SQH 5750
Q'TY / Reel	2500	3000	2000	1000

Specifications

Inductance		SQH 3216					
		Test Frequency	Q	Test Frequency	SRF	DCR	IDC
TYPE	uH	L (MHz)	(Min)	Q (MHz)	(Min)	(Ω)	(mA)
SQH 3216-R15 K/M	0.15	1 MHz	20	25 MHz	250	0.39	250
SQH 3216-R22 K/M	0.22	1 MHz	20	25MHz	250	0.43	240
SQH 3216-R33 K/M	0.33	1 MHz	30	25MHz	250	0.45	230
SQH 3216-R47 K/M	0.47	1 MHz	30	25MHz	200	0.83	215
SQH 3216-R56 K/M	0.56	1 MHz	30	25MHz	180	0.61	200
SQH 3216-R68 K/M	0.68	1 MHz	30	25MHz	160	0.67	190
SQH 3216-R82 K/M	0.82	1 MHz	30	25MHz	120	0.73	185
SQH 3216-1R0 K	1.0	1 MHz	35	10 MHz	100	0.49	175
SQH 3216-1R2 K	1.2	1 MHz	35	10 MHz	90	0.9	165
SQH 3216-1R5 K	1.5	1 MHz	35	10 MHz	75	1.0	155
SQH 3216-1R8 K	1.8	1 MHz	35	10 MHz	60	1.6	150
SQH 3216-2R2 K	2.2	1 MHz	35	10 MHz	50	0.7	140
SQH 3216-2R7 K	2.7	1 MHz	35	10 MHz	43	0.55	135
SQH 3216-3R3 K	3.3	1 MHz	35	8 MHz	38	0.61	130
SQH 3216-3R9 K	3.9	1 MHz	35	8 MHz	35	1.5	125
SQH 3216-4R7 K	4.7	1 MHz	35	8 MHz	31	1.7	120
SQH 3216-5R6 K	5.6	1 MHz	35	8 MHz	28	1.8	115
SQH 3216-6R8 K	6.8	1 MHz	35	8 MHz	25	2.0	110
SQH 3216-8R2 K	8.2	1 MHz	35	8 MHz	23	2.2	105
SQH 3216-100 J/K	10	1 MHz	35	5 MHz	20	2.5	100
SQH 3216-120 J/K	12	1 MHz	35	5 MHz	18	2.7	95
SQH 3216-150 J/K	15	1 MHz	35	5 MHz	16	3.0	90
SQH 3216-180 J/K	18	1 MHz	35	5 MHz	15	3.4	85
SQH 3216-220 J/K	22	1 MHz	40	2.5 MHz	14	3.1	85
SQH 3216-270 J/K	27	1 MHz	40	2.5 MHz	13	3.4	85
SQH 3216-330 J/K	33	1 MHz	40	2.5 MHz	12	3.8	80
SQH 3216-390 J/K	39	1 MHz	40	2.5 MHz	11	7.2	55
SQH 3216-470 J/K	47	1 MHz	40	2.5 MHz	10	8.0	55
SQH 3216-560 J/K	56	1 MHz	40	2.5 MHz	9.0	8.9	50
SQH 3216-680 J/K	68	1 MHz	40	2.5 MHz	8.5	9.9	50
SQH 3216-820 J/K	82	1 MHz	40	2.5 MHz	7.5	11	45
SQH 3216-102 J/K	100	1 MHz	40	2.5 MHz	7.0	12	45

Notes:

- 1.Tolerance: J(± 5%), K (± 10%), M (± 20%)
- 2.Operating temperaturer : -40 ~ 85 °C
- 3.PACKAGING: 2500Pcs/Reel

■ Specifications

Inductance		SQH 3225					
		Test Frequency	Q	Test Frequency	SRF	DCR	IDC
TYPE	uH	L (MHz)	(Min)	Q (MHz)	(Min)	(Ω)	(mA)
SQH 3225-R10 M	0.10	1 MHz	20	25.2 MHz	200	0.25	700
SQH 3225-R18 M	0.18	1 MHz	20	25.2 MHz	200	0.25	650
SQH 3225-R27 M	0.27	1 MHz	25	25.2 MHz	200	0.25	600
SQH 3225-R39 M	0.39	1 MHz	25	25.2 MHz	200	0.25	530
SQH 3225-R56 M	0.56	1 MHz	30	25.2 MHz	160	0.25	530
SQH 3225-R68 M	0.68	1 MHz	30	25.2 MHz	160	0.25	470
SQH 3225-R82 M	0.82	1 MHz	30	25.2 MHz	120	0.25	450
SQH 3225-1R0 M	1.0	1 MHz	20	1 MHz	100	0.5	445
SQH 3225-1R2 M	1.2	1 MHz	20	1 MHz	100	0.6	425
SQH 3225-1R5 K	1.5	1 MHz	20	1 MHz	75	0.6	400
SQH 3225-1R8 K	1.8	1 MHz	20	1 MHz	60	0.7	390
SQH 3225-2R2 K	2.2	1 MHz	20	1 MHz	50	0.8	370
SQH 3225-2R7 K	2.7	1 MHz	20	1 MHz	43	0.9	320
SQH 3225-3R3 K	3.3	1 MHz	20	1 MHz	38	1.0	300
SQH 3225-3R9 K	3.9	1 MHz	20	1 MHz	35	1.1	290
SQH 3225-4R7 K	4.7	1 MHz	20	1 MHz	31	1.2	270
SQH 3225-5R6 K	5.6	1 MHz	20	1 MHz	28	1.3	250
SQH 3225-6R8 K	6.8	1 MHz	20	1 MHz	25	1.5	240
SQH 3225-8R2 K	8.2	1 MHz	20	1 MHz	23	1.6	225
SQH 3225-100 J/K	10	1 MHz	35	1 MHz	20	1.8	190
SQH 3225-120 J/K	12	1 MHz	35	1 MHz	18	2.0	170
SQH 3225-150 J/K	15	1 MHz	35	1 MHz	16	2.2	165
SQH 3225-180 J/K	18	1 MHz	35	1 MHz	15	2.5	150
SQH 3225-220 J/K	22	1 MHz	35	1 MHz	14	2.8	125
SQH 3225-270 J/K	27	1 MHz	35	1 MHz	13	3.1	115
SQH 3225-330 J/K	33	1 MHz	40	1 MHz	12	3.5	110
SQH 3225-390 J/K	39	1 MHz	40	1 MHz	11	3.9	100
SQH 3225-470 J/K	47	1 MHz	40	1 MHz	11	4.3	85
SQH 3225-560 J/K	56	1 MHz	40	1 MHz	10	4.9	80
SQH 3225-680 J/K	68	1 MHz	40	1 MHz	9.5	5.5	70
SQH 3225-820 J/K	82	1 MHz	40	1 MHz	8.5	6.2	80
SQH 3225-101 J/K	100	1 MHz	40	796 KHz	8.0	7.0	75
SQH 3225-121 J/K	120	1 MHz	40	796 KHz	7.5	8.0	70
SQH 3225-151 J/K	150	1 MHz	40	796 KHz	7.0	9.3	65
SQH 3225-181 J/K	180	1 MHz	40	796 KHz	6.0	10.2	65
SQH 3225-221 J/K	220	1 MHz	40	796 KHz	5.5	11.8	65
SQH 3225-271 J/K	270	1 MHz	40	796 KHz	5.0	12.5	65
SQH 3225-331 J/K	330	1 MHz	40	796 KHz	5.0	13.0	65
SQH 3225-391 J/K	390	1 MHz	50	796 KHz	5.0	22.0	50
SQH 3225-471 J/K	470	1 KHz	50	796 KHz	5.0	25.0	45
SQH 3225-561 J/K	560	1 KHz	50	796 KHz	5.0	28.0	40

■ Notes:

- 1.Tolerance: J (± 5%), K (± 10%), M (± 20%)
- 2.Operating temperaturer : -40 ~ 85 °C
- 3.PACKAGING: 3000Pcs/Reel

Specifications

Inductance		SQH 4532					
		Test Frequency	Q	Test Frequency	SRF	DCR	IDC
TYPE	uH	L (MHz)	(Min)	Q (MHz)	(Min)	(Ω)	(mA)
SQH 4532-1R0 M	1.0	1 MHz	20	1 MHz	120	0.20	500
SQH 4532-1R2 M	1.2	1 MHz	20	1 MHz	100	0.20	500
SQH 4532-1R5 K	1.5	1 MHz	20	1 MHz	85	0.30	500
SQH 4532-1R8 K	1.8	1 MHz	20	1 MHz	75	0.30	500
SQH 4532-2R2 K	2.2	1 MHz	20	1 MHz	62	0.30	500
SQH 4532-2R7 K	2.7	1 MHz	20	1 MHz	53	0.32	500
SQH 4532-3R3 K	3.3	1 MHz	20	1 MHz	47	0.35	500
SQH 4532-3R9 K	3.9	1 MHz	20	1 MHz	41	0.38	500
SQH 4532-4R7 K	4.7	1 MHz	30	1 MHz	38	0.40	500
SQH 4532-5R6 K	5.6	1 MHz	30	1 MHz	33	0.47	500
SQH 4532-6R8 K	6.8	1 MHz	30	1 MHz	31	0.50	450
SQH 4532-8R2 K	8.2	1 MHz	30	1 MHz	27	0.56	450
SQH 4532-100 J/K	10	1 MHz	35	1 MHz	23	0.56	400
SQH 4532-120 J/K	12	1 MHz	35	1 MHz	21	0.62	380
SQH 4532-150 J/K	15	1 MHz	35	1 MHz	19	0.73	360
SQH 4532-180 J/K	18	1 MHz	35	1 MHz	17	0.82	340
SQH 4532-220 J/K	22	1 MHz	35	1 MHz	15	0.94	320
SQH 4532-270 J/K	27	1 MHz	35	1 MHz	14	1.1	300
SQH 4532-330 J/K	33	1 MHz	35	1 MHz	12	1.2	270
SQH 4532-390 J/K	39	1 MHz	35	1 MHz	11	1.4	240
SQH 4532-470 J/K	47	1 MHz	35	1 MHz	10	1.5	220
SQH 4532-560 J/K	56	1 MHz	35	1 MHz	9.3	1.7	200
SQH 4532-680 J/K	68	1 MHz	35	1 MHz	8.4	1.9	180
SQH 4532-820 J/K	82	1 MHz	35	1 MHz	7.5	2.2	170
SQH 4532-101 J/K	100	1 MHz	40	796 KHz	6.8	2.5	160
SQH 4532-121 J/K	120	1 MHz	40	796 KHz	6.2	3.0	150
SQH 4532-151 J/K	150	1 MHz	40	796 KHz	5.5	3.7	130
SQH 4532-181 J/K	180	1 MHz	40	796 KHz	5.0	4.5	120
SQH 4532-221 J/K	220	1 MHz	40	796 KHz	4.5	5.4	110
SQH 4532-271 J/K	270	1 MHz	40	796 KHz	4.0	6.8	100
SQH 4532-331 J/K	330	1 MHz	40	796 KHz	3.6	8.2	95
SQH 4532-391 J/K	390	1 MHz	40	796 KHz	3.3	9.7	90
SQH 4532-471 J/K	470	1 KHz	40	796 KHz	3.0	11.8	80
SQH 4532-561 J/K	560	1 KHz	40	796 KHz	2.7	14.5	70
SQH 4532-681 J/K	680	1 KHz	40	796 KHz	2.5	17.0	65
SQH 4532-821 J/K	820	1 KHz	40	796 KHz	2.2	20.5	60
SQH 4532-102 J/K	1000	1 KHz	40	252 KHz	2.0	25.0	50
SQH 4532-122 J/K	1200	1 KHz	40	252 KHz	1.8	30.0	45
SQH 4532-152 J/K	1500	1 KHz	40	252 KHz	1.6	37.0	40
SQH 4532-182 J/K	1800	1 KHz	40	252 KHz	1.5	45.0	35
SQH 4532-222 J/K	2200	1 KHz	40	252 KHz	1.3	50.0	30

Notes:

- 1.Tolerance: J (± 5%), K (± 10%), M (± 20%)
- 2.Operating temperaturer : -40 ~ 85 °C
- 3.PACKAGING: 2000Pcs/Reel

■ Specifications

Inductance		SQH 5750			
		Test Frequency	SRF	DCR	IDC
TYPE	uH	L (MHz)	(Min)	(Ω)	(mA)
SQH 5750-R12 M	0.12	1 MHz	450	0.007	6000
SQH 5750-R27 M	0.27	1 MHz	300	0.010	5300
SQH 5750-R47 M	0.47	1 MHz	200	0.013	4800
SQH 5750-1R0 M	1.0	1 MHz	150	0.019	4000
SQH 5750-1R5 M	1.5	1 MHz	110	0.022	3700
SQH 5750-2R2 M	2.2	1 MHz	80	0.029	3200
SQH 5750-3R3 M	3.3	1 MHz	40	0.036	2900
SQH 5750-4R7 M	4.7	1 MHz	30	0.041	2700
SQH 5750-6R8 M	6.8	1 MHz	25	0.074	2000
SQH 5750-100 K	10	1 MHz	20	0.093	1700
SQH 5750-150 K	15	1 MHz	17	0.15	1400
SQH 5750-220 K	22	1 MHz	15	0.19	1200
SQH 5750-330 K	33	1 MHz	12	0.32	900
SQH 5750-470 K	47	1 MHz	10	0.40	800
SQH 5750-680 K	68	1 MHz	7.6	0.67	640
SQH 5750-101 K	100	100 KHz	6.5	0.86	560
SQH 5750-151 K	150	100 KHz	5.0	1.9	420
SQH 5750-221 K	220	100 KHz	4.0	2.4	320
SQH 5750-331 K	330	100 KHz	3.1	4.4	270
SQH 5750-471 K	470	100 KHz	2.4	5.4	240
SQH 5750-681 K	680	100 KHz	1.9	8.1	190
SQH 5750-102 K	1000	10 KHz	1.7	10.3	150
SQH 5750-222 K	2200	10 KHz	1.2	21.5	100
SQH 5750-472 K	4700	10 KHz	0.8	43.6	70
SQH 5750-103 K	10000	10 KHz	0.5	100	50

■ Notes:

- 1.Tolerance: J(± 5%), K (± 10%), M (± 20%)
- 2.Operating temperatuer : -40 ~ 85 °C
- 3.PACKAGING: 1000Pcs/Reel