



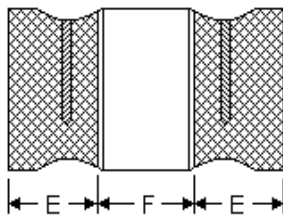
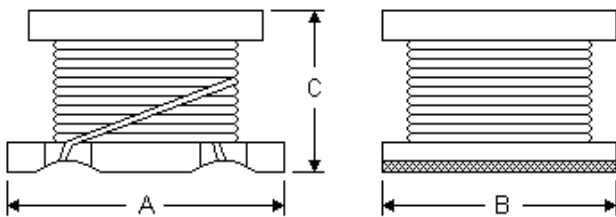
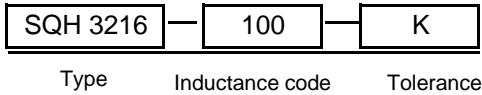
■ Features:

- 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

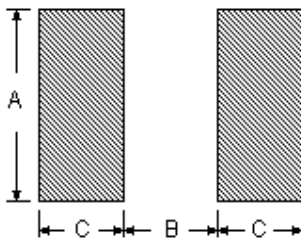
■ Parts code:



Dimensions in mm

TYPE	A	B	C	E	F
SQH 3216	3.2 ±0.3	1.6 ±0.2	1.8 ±0.2	0.7 Min	0.7 Min
SQH 3225	3.2 ±0.3	2.5 ±0.2	2.0 ±0.2	0.7 Min	0.7 Min
SQH 4532	4.5 ±0.3	3.2 ±0.2	2.6 ±0.2	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 ( $\pm 5\%$ ), K ( $\pm 10\%$ ), M ( $\pm 20\%$ )
- 2.Operating temperaturer :  $-40 \sim 85 \text{ }^\circ\text{C}$
- 3.PACKAGING: 2500Pcs/Reel