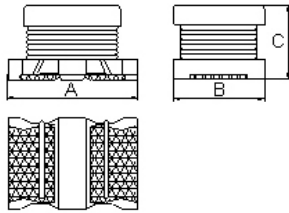


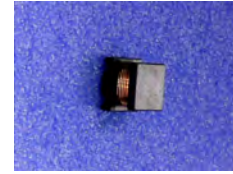


**Shape and Dimensions**

LQH3216



**LQH** Series

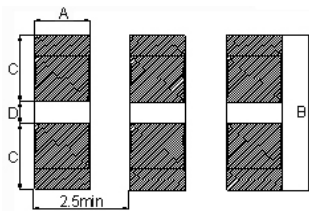


Dimensions in mm

TYPE	A	B	C	D	E	F	G
LQH3216	3.2 ± 0.3	1.6 ± 0.2	1.8 ± 0.2	-	-	-	-

**Recommended Pattern**

LQH3216



Dimensions in mm

TYPE	A	B	C	D	E
LQH3216	1.5	4.5	1.75	1.0	-

**Electrical Characteristics**

Part Number	Inductance (uH)	Tolerance (±%)	Test Frequency (MHz)	SRF (MHz) Min	RDC (Ω) Max	Rated current (mA)
LQH3216-R12□	0.12	20	1	250	0.112	970
LQH3216-R22□	0.22	20	1	250	0.140	850
LQH3216-R47□	0.47	20	1	180	0.210	700
LQH3216-1R0□	1.0	20	1	100	0.364	510
LQH3216-2R2□	2.2	20 / 10	1	50	0.533	430
LQH3216-2R7□	2.7	20 / 10	1	45	0.580	340
LQH3216-4R7□	4.7	20 / 10	1	31	0.845	340
LQH3216-6R8□	6.8	20 / 10	1	25	1.430	280
LQH3216-100□	10	20 / 10 / 5	1	20	1.690	230
LQH3216-220□	22	20 / 10 / 5	1	1	3.900	160
LQH3216-470□	47	20 / 10 / 5	1	1	10.40	100
LQH3216-820□	82	20 / 10 / 5	1	8	13.00	90
LQH3216-101□	100	20 / 10 / 5	1		15.60	80

**Note:** When ordering, please specify tolerance code. Tolerance : J=±5% , K=±10% , M=±20%

- Operating temperature range - 25°C ~ 125°C(Including self - temperature rise)
- Rated Current: Self temperature rise shall be limited to 35°C Max. Inductance drop 10% typ.
- Measure Equipment :
  - L : Agilent HP4192A
  - SRF : Agilent HP4291A
  - RDC : CHEN HWA 502