

Ceramic Winding Type Chip Coil Inductor 陶瓷繞線晶片線圈電感

LQH Series

Chip Coil for High Frequency Circuit Applications.

The LQH Series has low DC resistance and high Q value. It's suitable for high frequency circuit application.

適用於高頻線路應用的晶片線圈。

LQH 系列具有低直流電阻極高 Q 值，適合高頻電路應用。



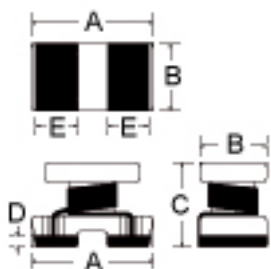
Features

1. Wide inductance range from 54 nH to 880 nH
2. Suitable for flow and reflow soldering.
3. Excellent solderability and heat resistance.

特徵

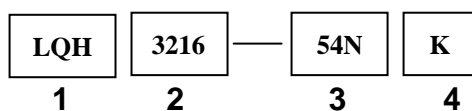
1. 感值範圍廣，從 54nH 到 880nH。
2. 適合一般焊接及回焊。
3. 良好的焊錫性及耐熱性。

Dimensions



Chip size					
Size	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)
3216	3.2±0.3	1.6±0.3	1.8±0.3	0.15min	1.15±0.2

Part Numbering



1. Series
2. Dimension : A*B
3. Inductance : 54N =54nH
4. Inductance Tolerance : S=±0.3nH , J=±5% , K=±10% , M=±20%

LQH 3216 Series

Part Number	Inductance		Q		Rated Current (mA)max.	DCR (Ω)max	SRF (MHZ) min
	Tolerance (nH)	Test Frequency (MHz)	Nominal Value min	Test Frequency (MHz)			
LQH3216-54NK	54	1	50	100	920	0.035 \pm 30%	800
LQH3216-95NK	95	1	60	60	790	0.047 \pm 30%	650
LQH3216-R14K	140	1	60	60	700	0.061 \pm 30%	500
LQH3216-R21K	210	1	60	60	520	0.110 \pm 30%	430
LQH3216-R29K	290	1	60	60	420	0.170 \pm 30%	360
LQH3216-R39K	390	1	60	60	330	0.260 \pm 30%	300
LQH3216-R50K	500	1	60	60	260	0.440 \pm 30%	270
LQH3216-R61K	610	1	60	60	250	0.480 \pm 30%	240
LQH3216-R75K	750	1	60	60	190	0.790 \pm 30%	220
LQH3216-R88K	880	1	60	60	180	0.860 \pm 30%	200

Test equipment: L,Q:HP4192A ,LCR METER/Rdc:HP4338B MILLIOHM METER/SRF:HP4291A,HP8753ES NETWORK ANALYZER