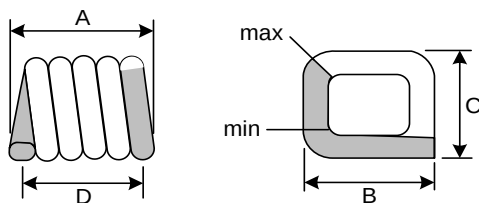




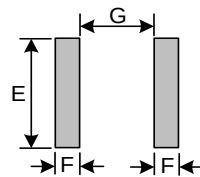
Type: FSQ0806



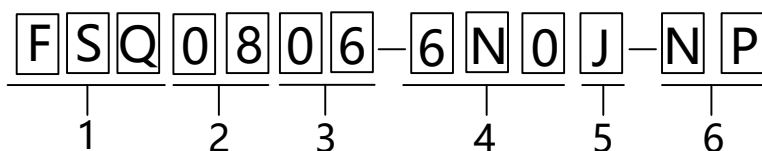
Dimensions外形尺寸(mm)



Recommended Land Pattern(mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型: FSQ(Unshielded/無屏蔽)
2. Body length/產品長度: inches
3. Body height/產品高度: inches
4. Inductance/感量: nH
5. Tolerance/公差: G $\pm 2\%$, J $\pm 5\%$
6. RoHs Compliant(SGS Certified)

本產品滿足環境保護要求(有害物質限用)



FEATURES:

- Quantity/reel:2000PCS.
- Small air core inductors feature high Q.
- Flat top and bottom for reliable pick and place and mechanical stability.
- Solder coated leads ensure reliable soldering.
- RF Circuit of in telecommunication and other Equipments.

特長:

- 數量/卷:2000PCS.
- 小型空芯電感,高Q值.
- 頂部和底部平坦,可實現可靠的拾取和放置以及機械穩定性.
- 引腳鍍錫,高度可靠焊接性.
- 應用於通訊電子設備等射頻產品.

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO.	Inductance	Tolerance	Q	SRF(GHz)	RDC直流電阻	Rated Current
品名	電感量(nH)	公差(%)	Typ.	Typ.	Max(mΩ)	額定電流(A)
FSQ0806-5N5	5.5	G,J	60	4.9	3.4	2.9
FSQ0806-6N0	6.0	G,J	64	5.2	6.0	2.9
FSQ0806-8N9	8.9	G,J	90	4.3	7.0	2.9
FSQ0806-12N	12.3	G,J	90	4.8	8.0	2.9
FSQ0806-16N	15.7	G,J	90	4.4	9.0	2.9
FSQ0806-19N	19.4	G,J	90	4.0	10.0	2.9

Inductance Range/電感範圍:5.5~19.4nH

Operating Temperature/工作溫度:−40℃ ~ +125℃

Storage Temperature/儲存溫度:−40℃ ~ +125℃

(1) L,Q Test frequency :400MHz;

(1) 電感量和Q值測試頻率:400MHz;

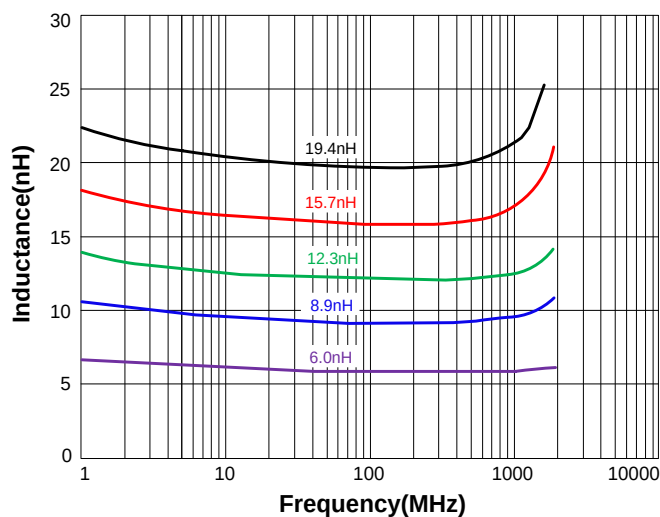
DIMENSIONS/尺寸

Part NO.	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)
	±0.152	±0.254	±0.102	Typ.	Typ.	Typ.	Typ.
FSQ0806-5N5	1.346	1.829	1.397	0.96	2.6	0.51	0.45
FSQ0806-6N0	1.295	1.829	1.397	1.02	2.6	0.51	0.51
FSQ0806-8N9	1.626	1.829	1.397	1.32	2.6	0.51	0.81
FSQ0806-12N	1.930	1.829	1.397	1.63	2.6	0.51	1.12
FSQ0806-16N	2.286	1.829	1.397	1.96	2.6	0.51	1.45
FSQ0806-19N	2.591	1.829	1.397	2.29	2.6	0.51	1.78

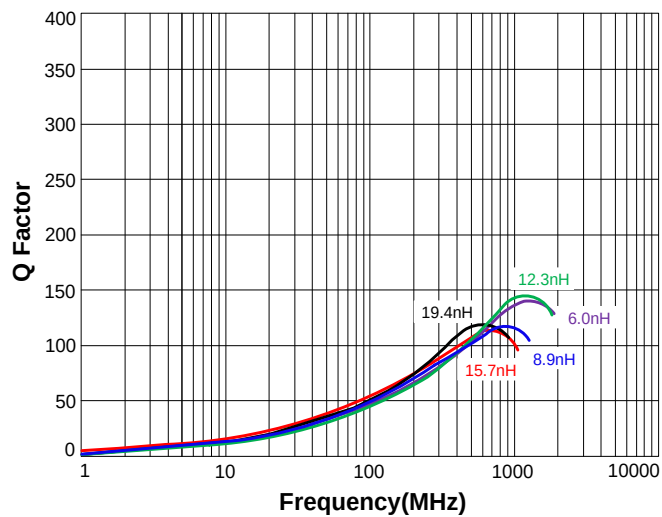


CHARACTERISTICS CURVE/特性曲線

Typical L vs Frequency



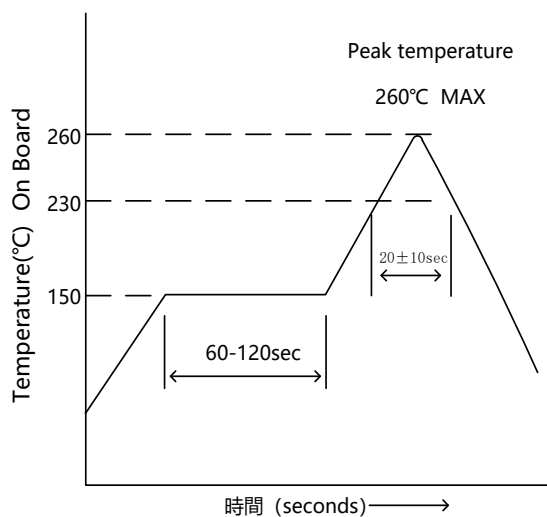
Typical Q vs Frequency



Electrical Schematic/原理圖



Recommended Temperature Conditions of Air Reflow Soldering/推薦回流焊溫度條件



In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

除了這裡顯示的標準品之外,可根據客戶要求進行設計.

www.fonrita.com