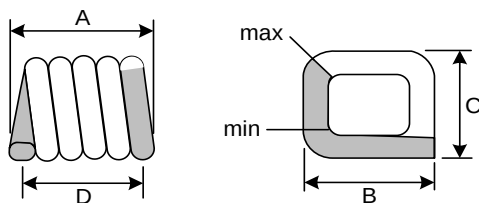




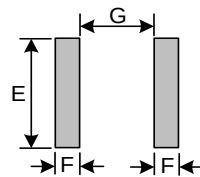
Type: FSQ0807



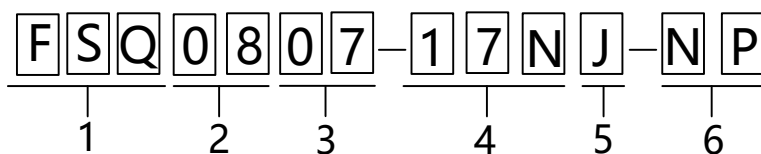
Dimensions外形尺寸(mm)



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. 品名	Inductance 電感量(nH)	Tolerance 公差(%)	Q Typ.	SRF(GHz) Typ.	RDC直流電阻 Max(mΩ)	Rated Current 額定電流(A)
FSQ0807-6N9	6.9	G,J	100	4.6	6.0	2.7
FSQ0807-10N	10.2	G,J	100	4.0	7.0	2.7
FSQ0807-11N	11.2	G,J	90	3.6	6.3	2.7
FSQ0807-14N	13.7	G,J	100	4.3	8.0	2.7
FSQ0807-17N	17.0	G,J	100	4.0	9.0	2.7
FSQ0807-22N	22.0	G,J	100	3.5	10.0	2.7

Inductance Range/電感範圍:6.9~22nH

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;

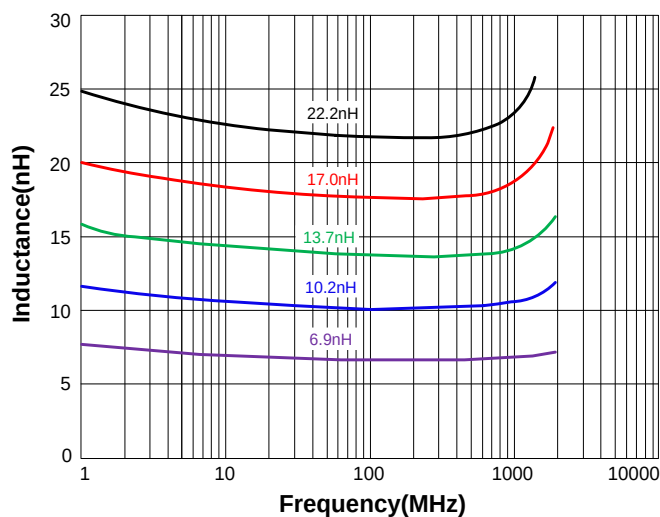
DIMENSIONS/尺寸

Part NO.	A(mm) ±0.152	B(mm) ±0.254	C(mm) ±0.254	D(mm) Typ.	E(mm) Typ.	F(mm) Typ.	G(mm) Typ.
FSQ0807-6N9	1.295	1.829	1.524	1.02	2.6	0.51	0.51
FSQ0807-10N	1.626	1.829	1.524	1.32	2.6	0.51	0.81
FSQ0807-11N	1.549	1.829	1.524	1.24	2.6	0.51	0.73
FSQ0807-14N	1.930	1.829	1.524	1.63	2.6	0.51	1.12
FSQ0807-17N	2.286	1.829	1.524	1.96	2.6	0.51	1.45
FSQ0807-22N	2.591	1.829	1.524	2.29	2.6	0.51	1.78

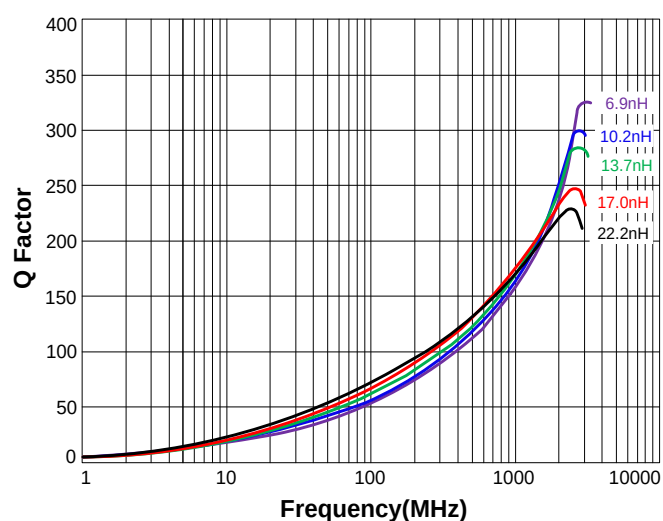


CHARACTERISTICS CURVE/特性曲線

Typical L vs Frequency



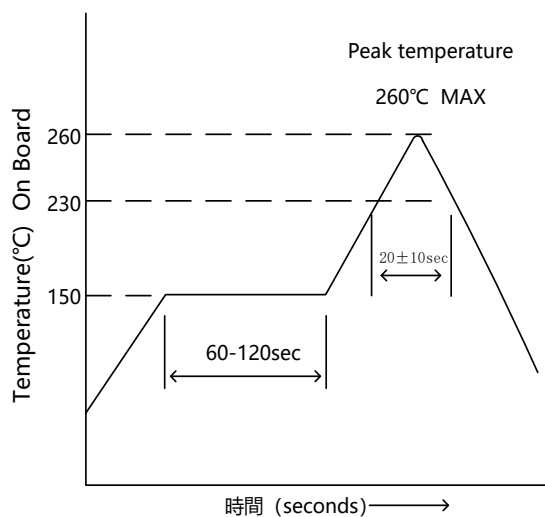
Typical Q vs Frequency



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.

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