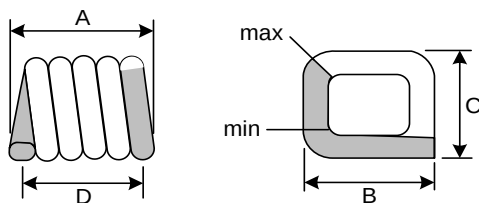




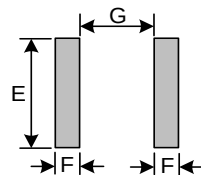
Type: FSQ0908



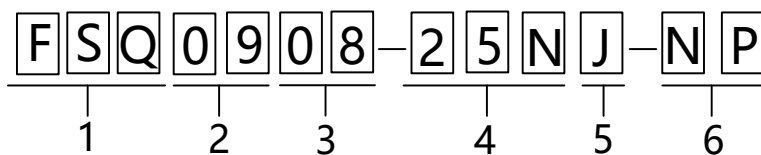
Dimensions外形尺寸(mm)



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.<br>品名 | Inductance<br>電感量(nH) | Tolerance<br>公差(%) | Q<br>Typ. | SRF(GHz)<br>Typ. | RDC直流電阻<br>Max(mΩ) | Rated Current<br>額定電流(A) |
|----------------|-----------------------|--------------------|-----------|------------------|--------------------|--------------------------|
| FSQ0908-8N1    | 8.1                   | G,J                | 130       | 5.2              | 6.0                | 4.4                      |
| FSQ0908-12N    | 12.1                  | G,J                | 130       | 4.3              | 7.0                | 4.4                      |
| FSQ0908-14N    | 14.7                  | G,J                | 90        | 3.0              | 7.2                | 4.4                      |
| FSQ0908-17N    | 16.6                  | G,J                | 130       | 3.4              | 8.0                | 4.4                      |
| FSQ0908-22N    | 21.5                  | G,J                | 130       | 3.7              | 9.0                | 4.4                      |
| FSQ0908-23N    | 23.0                  | G,J                | 120       | 2.6              | 10.0               | 4.4                      |
| FSQ0908-25N    | 25.0                  | G,J                | 130       | 2.5              | 10.0               | 4.4                      |
| FSQ0908-27N    | 27.3                  | G,J                | 130       | 3.2              | 10.0               | 4.4                      |

Inductance Range/電感範圍:8.1~27.3nH

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

Storage Temperature/儲存溫度:-40℃ ~ +125℃

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

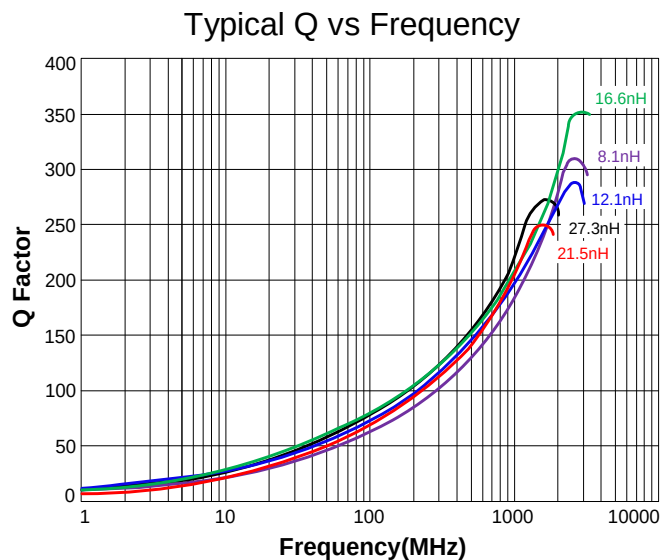
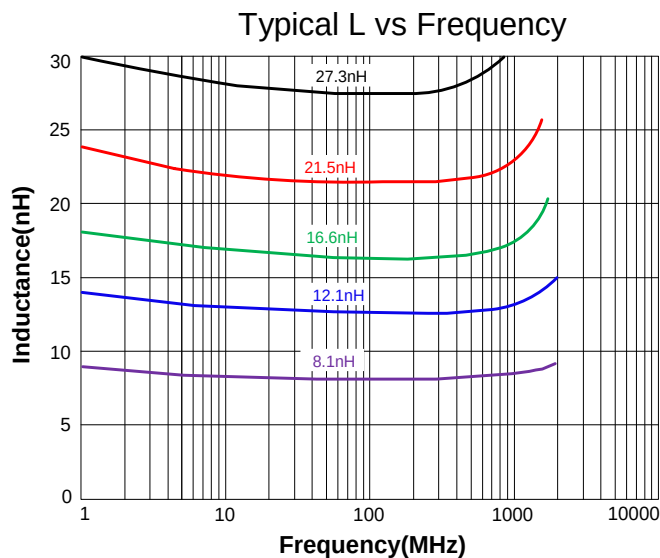
(1) 電感量和Q值測試頻率:400MHz;

DIMENSIONS/尺寸

| Part NO.    | A(mm)<br>$\pm 0.152$ | B(mm)<br>$\pm 0.152$ | C(mm)<br>$\pm 0.203$ | D(mm)<br>Typ. | E(mm)<br>Typ. | F(mm)<br>Typ. | G(mm)<br>Typ. |
|-------------|----------------------|----------------------|----------------------|---------------|---------------|---------------|---------------|
| FSQ0908-8N1 | 1.473                | 2.134                | 1.829                | 1.12          | 2.8           | 0.64          | 0.48          |
| FSQ0908-12N | 1.854                | 2.134                | 1.829                | 1.45          | 2.8           | 0.64          | 0.81          |
| FSQ0908-14N | 1.549                | 2.134                | 1.829                | 1.24          | 2.8           | 0.64          | 0.60          |
| FSQ0908-17N | 2.210                | 2.134                | 1.829                | 1.83          | 2.8           | 0.64          | 1.19          |
| FSQ0908-22N | 2.565                | 2.134                | 1.829                | 2.18          | 2.8           | 0.64          | 1.54          |
| FSQ0908-23N | 2.235                | 2.134                | 1.829                | 1.90          | 2.8           | 0.64          | 1.26          |
| FSQ0908-25N | 2.972                | 2.134                | 1.829                | 2.57          | 2.8           | 0.64          | 1.93          |
| FSQ0908-27N | 2.972                | 2.134                | 1.829                | 2.57          | 2.8           | 0.64          | 1.93          |



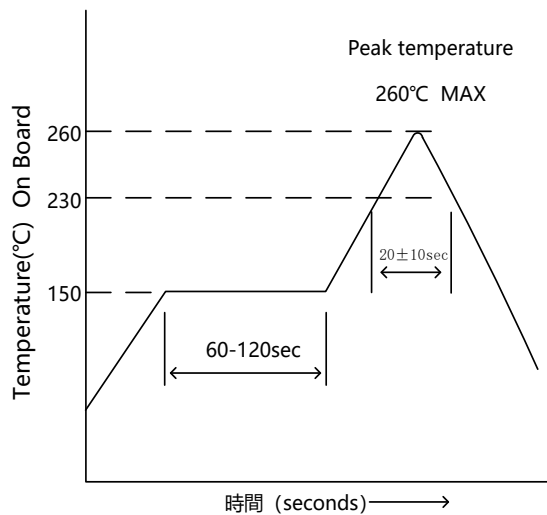
## CHARACTERISTICS CURVE/特性曲線



## 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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