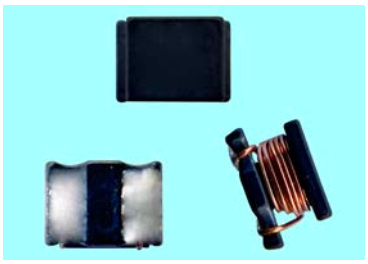
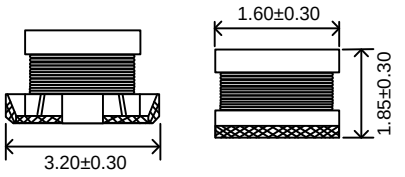
Fonrita 方瑞達電子

SMD POWER INDUCTORS 貼片功率電感

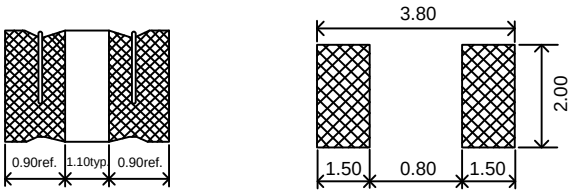
Type: FLQH3216



Dimensions外形尺寸(mm)



Recommended Land Pattern(mm)



PRODUCT IDENTIFICATION/產品標識

F L Q H 3 2 1 6 - 1 0 0 K - N P

1 2 3 4 5 6

1.Product symbol/產品類型 : FLQH(Unshielded/無屏蔽)
2.Body lenght/產品長度 : mm
3.Body wide/產品寬度 : mm
4.Inductance/感量 : μH
5.Tolerance/公差 : M ±20%, K ±10%
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.
- Square 3.2mm type(3.5mm Max),Height 2.15mm Max.
- These miniature chip inductors wound on a special ferrite core.
- Suitable for reflow soldering.
- Widely use in DC-DC converter/Notebook/Camcorders/ HDTV .

特長:

- 數量/卷:2000PCS.
- 方形3.2mm(3.5mm Max),高度2.15mm Max.
- 微型片式鐵氧體繞線電感器.
- 適用於回流焊SMT工藝.
- 廣泛應用於升降壓轉換器/筆記本電腦/攝像機/ 高清電視.

ELECTRICAL CHARACTERISTICS/電氣特性

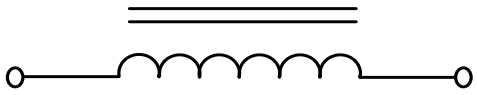
Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	Q Ref.	SRF(MHz) Min.	RDC直流電阻 Max(Ω)	Rated Current 額定電流Max(mA)
FLQH3216-R12	0.12	M	20	250.0	0.12	970
FLQH3216-R22	0.22	M	20	250.0	0.14	850
FLQH3216-R33	0.33	M	30	300.0	0.16	800
FLQH3216-R47	0.47	M	30	180.0	0.21	700
FLQH3216-1R0	1.0	M	35	100.0	0.40	510
FLQH3216-2R2	2.2	M	35	50.0	0.58	430
FLQH3216-4R7	4.7	M	35	31.0	0.91	340
FLQH3216-6R8	6.8	M	35	25.0	1.30	280
FLQH3216-100	10	K	35	20.0	1.82	230
FLQH3216-220	22	K	40	14.0	4.20	160
FLQH3216-270	27	K	40	13.0	4.50	150
FLQH3216-470	47	K	40	10.0	11.20	100
FLQH3216-101	100	K	40	7.0	16.80	80

Inductance Range/電感範圍:0.12~100μH
Operating Temperature/工作溫度:－40℃ ~ ＋125℃
Storage Temperature/儲存溫度:－40℃ ~ ＋125℃

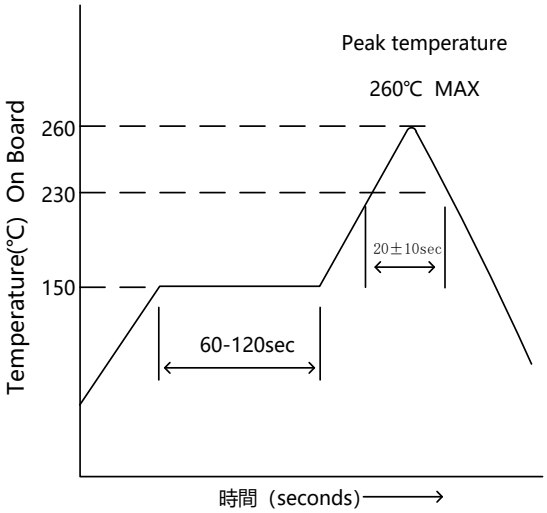
(1) L test frequency :
0.12-100uH@1KHz;

(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 10%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

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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