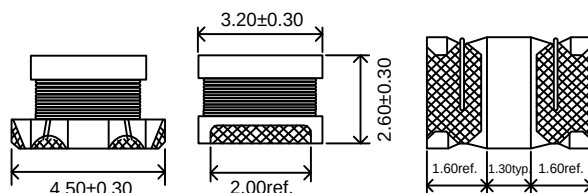




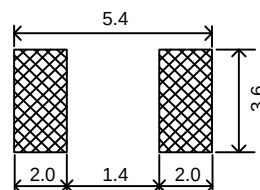
Type: FLQH4532



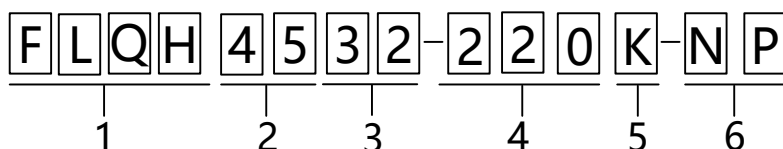
Dimensions外形尺寸(mm)



Recommended Land Pattern(mm)



PRODUCT IDENTIFICATION/產品標識



1.Product symbol/產品類型: FLQH(Unshielded/無屏蔽)

2.Body length/產品長度: mm

3.Body wide/產品寬度: mm

4.Inductance/感量: μ H

5.Tolerance/公差: M $\pm$ 20%, K $\pm$ 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:500PCS.
- Square 4.5mm type(4.8mm Max),Height 2.9mm 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:500PCS.
- 方形4.5mm(4.8mm Max),高度2.9mm 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(μ H)	Tolerance 公差(%)	Q Ref.	SRF(MHz) Min.	RDC直流電阻 Max(Ω)	Rated Current 額定電流Max(mA)
FLQH4532-1R0	1.0	M	40	165.0	0.08	1800
FLQH4532-1R5	1.5	M	42	130.0	0.09	1750
FLQH4532-1R8	1.8	M	45	100.0	0.10	1700
FLQH4532-2R2	2.2	M	40	80.0	0.11	1600
FLQH4532-2R7	2.7	M	40	63.0	0.12	1500
FLQH4532-3R3	3.3	M	45	58.0	0.13	1400
FLQH4532-3R9	3.9	M	40	54.0	0.14	1320
FLQH4532-4R7	4.7	M	36	45.0	0.15	1240
FLQH4532-5R6	5.6	M	36	41.0	0.18	1180
FLQH4532-6R8	6.8	M	36	37.0	0.20	1100
FLQH4532-8R2	8.2	M	36	34.0	0.25	1000
FLQH4532-100	10	M	48	30.0	0.30	950
FLQH4532-120	12	M	48	28.0	0.42	800
FLQH4532-150	15	M	45	26.0	0.50	730
FLQH4532-180	18	M	42	22.0	0.60	680
FLQH4532-220	22	K	50	20.0	0.70	630
FLQH4532-270	27	K	50	19.0	0.90	520
FLQH4532-330	33	K	55	18.0	1.10	430
FLQH4532-390	39	K	60	17.0	1.30	410
FLQH4532-470	47	K	60	15.0	1.50	390
FLQH4532-560	56	K	58	14.0	1.60	385
FLQH4532-680	68	K	58	11.0	2.10	330
FLQH4532-820	82	K	60	11.0	2.20	300
FLQH4532-101	100	K	60	10.0	2.50	270
FLQH4532-121	120	K	60	9.0	3.00	240
FLQH4532-151	150	K	55	8.5	3.70	220

Inductance Range/電感範圍:1.0~2200 μ H

Operating Temperature/工作溫度: -40 $^{\circ}$ C ~ +125 $^{\circ}$ C

Storage Temperature/儲存溫度: -40 $^{\circ}$ C ~ +125 $^{\circ}$ C

(1) L test frequency :

1-390uH@1MHz;

470-2200uH@1KHz;

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

(1) 電感測試頻率:

1-390uH@1MHz;

470-2200uH@1KHz;

(2) 最大容許電流定義:電感下降10%或溫度上升40 $^{\circ}$ C時,取其小值作為最大容許電流(周圍環境溫度25 $^{\circ}$ C) .

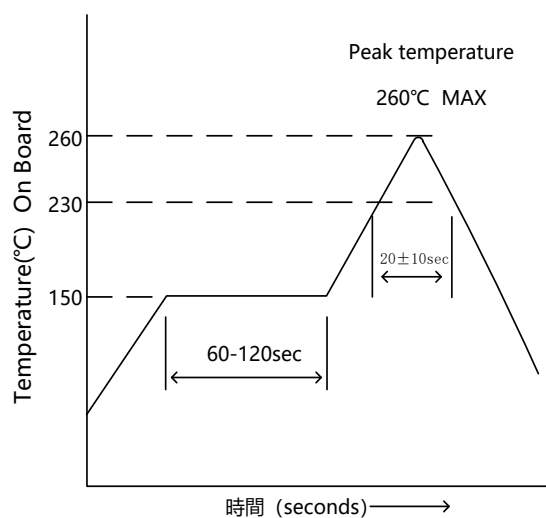


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	Q (Ref.)	SRF(MHz) Min.	RDC直流電阻 Max(Ω)	Rated Current 額定電流Max(mA)
FLQH4532-181	180	K	55	7.0	4.50	200
FLQH4532-221	220	K	45	6.3	5.40	185
FLQH4532-271	270	K	50	6.0	8.00	140
FLQH4532-331	330	K	55	5.8	11.50	120
FLQH4532-391	390	K	50	5.2	13.00	110
FLQH4532-471	470	K	50	5.0	14.20	105
FLQH4532-561	560	K	53	4.5	15.50	100
FLQH4532-681	680	K	45	3.5	16.80	90
FLQH4532-821	820	K	50	2.8	20.00	85
FLQH4532-102	1000	K	30	2.5	30.00	70
FLQH4532-122	1200	K	30	2.3	33.50	60
FLQH4532-152	1500	K	35	2.0	38.50	55
FLQH4532-182	1800	K	35	1.8	44.00	50
FLQH4532-222	2200	K	30	1.6	47.00	40

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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