



Fonrita
方瑞達電子

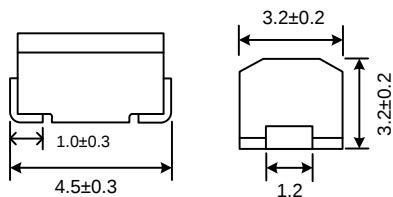
WOUND CHIP INDUCTORS

塑封電感

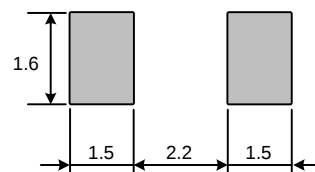
Type: FNLC4532



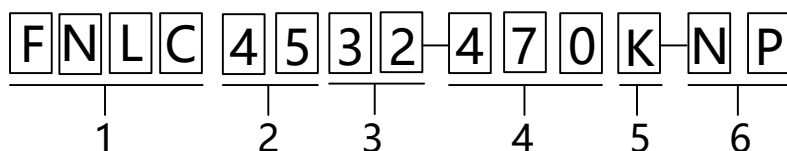
Dimensions外形尺寸(mm)



Recommended Land Pattern(mm)



PRODUCT IDENTIFICATION/產品標識



1. Product symbol/產品類型 : FNLC(shield/屏蔽)
2. Body length/產品長度 : mm
3. Body wide/產品寬度 : mm
4. Inductance/感量 : uH
5. Tolerance/公差 : J $\pm 5\%$, K $\pm 10\%$, M $\pm 20\%$
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 3.4mm Max.
- Resin mold type wound inductor for decoupling circuits.
- Smart meters,AV equipment,xDSL,electronic devices for communications infrastructure such as mobile base stations,industrial equip-ment etc.

特長:

- 數量/卷:500PCS.
- 方形4.5mm(4.8mm Max),高度3.4mm Max.
- 樹脂模具型普通電路用繞線型電感器.
- 應用於智能儀表、視聽設備、xDSL、移動電話基站等通信設備用電子儀器、工業儀器 etc.

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO. 品名	Inductance 電感量(uH)	Tolerance 公差(%)	Q Min.	Test Freq. (MHz)	SRF(MHz) Typ.	RDC直流電阻 Max(Ω)	Rated Current 額定電流Max(mA)
FNLC4532-R10	0.10	K,M	35	25.20	780.0	0.18	800
FNLC4532-R12	0.12	K,M	35	25.20	735.0	0.20	770
FNLC4532-R15	0.15	K,M	35	25.20	615.0	0.22	730
FNLC4532-R18	0.18	K,M	35	25.20	570.0	0.24	700
FNLC4532-R22	0.22	K,M	40	25.20	505.0	0.25	665
FNLC4532-R27	0.27	K,M	40	25.20	450.0	0.26	635
FNLC4532-R33	0.33	K,M	40	25.20	425.0	0.28	605
FNLC4532-R39	0.39	K,M	40	25.20	390.0	0.30	575
FNLC4532-R47	0.47	K,M	40	25.20	350.0	0.32	545
FNLC4532-R56	0.56	K,M	40	25.20	325.0	0.36	520
FNLC4532-R68	0.68	K,M	40	25.20	300.0	0.40	500
FNLC4532-R82	0.82	K,M	40	25.20	275.0	0.45	475
FNLC4532-1R0	1.0	J,K,M	50	7.960	250.0	0.50	450
FNLC4532-1R2	1.2	J,K,M	50	7.960	240.0	0.55	430
FNLC4532-1R5	1.5	J,K,M	50	7.960	210.0	0.60	410
FNLC4532-1R8	1.8	J,K,M	50	7.960	190.0	0.65	390
FNLC4532-2R2	2.2	J,K,M	50	7.960	160.0	0.70	380
FNLC4532-2R7	2.7	J,K,M	50	7.960	150.0	0.75	370
FNLC4532-3R3	3.3	J,K,M	50	7.960	110.0	0.80	355
FNLC4532-3R9	3.9	J,K,M	50	7.960	100.0	0.90	330
FNLC4532-4R7	4.7	J,K,M	50	7.960	80.0	1.00	315
FNLC4532-5R6	5.6	J,K,M	50	7.960	50.0	1.10	300
FNLC4532-6R8	6.8	J,K,M	50	7.960	35.0	1.20	285
FNLC4532-8R2	8.2	J,K,M	50	7.960	28.0	1.40	270
FNLC4532-100	10	J,K,M	50	2.520	22.0	1.60	250
FNLC4532-120	12	J,K,M	50	2.520	20.0	2.00	225
FNLC4532-150	15	J,K,M	50	2.520	18.0	2.50	200



Part NO. 品名	Inductance 電感量(uH)	Tolerance 公差(%)	Q Min.	Test Freq. (MHz)	SRF(MHz) Typ.	RDC直流電阻 Max(Ω)	Rated Current 額定電流Max(mA)
FNLC4532-180	18	J,K,M	50	2.520	16.0	2.80	190
FNLC4532-220	22	J,K,M	50	2.520	14.0	3.20	180
FNLC4532-270	27	J,K,M	50	2.520	13.0	3.60	170
FNLC4532-330	33	J,K,M	50	2.520	12.0	4.00	160
FNLC4532-390	39	J,K,M	50	2.520	11.0	4.50	150
FNLC4532-470	47	J,K,M	50	2.520	10.5	5.00	140
FNLC4532-560	56	J,K,M	50	2.520	10.0	5.50	135
FNLC4532-680	68	J,K,M	50	2.520	9.5	6.00	130
FNLC4532-820	82	J,K,M	50	2.520	8.5	7.00	120
FNLC4532-101	100	J,K,M	40	0.796	8.0	8.00	110
FNLC4532-121	120	J,K,M	40	0.796	7.0	8.00	110
FNLC4532-151	150	J,K,M	40	0.796	6.0	9.00	105
FNLC4532-181	180	J,K,M	40	0.796	5.5	9.50	102
FNLC4532-221	220	J,K,M	40	0.796	5.0	10.00	100
FNLC4532-271	270	J,K,M	40	0.796	4.5	12.00	92
FNLC4532-331	330	J,K,M	40	0.796	4.0	14.00	85
FNLC4532-391	390	J,K,M	40	0.796	3.5	18.00	80
FNLC4532-471	470	J,K,M	40	0.796	3.5	26.00	62
FNLC4532-561	560	J,K,M	30	0.796	3.0	30.00	50
FNLC4532-681	680	J,K,M	30	0.796	3.0	30.00	50
FNLC4532-821	820	J,K,M	30	0.796	2.5	35.00	30
FNLC4532-102	1000	J,K,M	20	0.252	2.5	40.00	30

Inductance Range/電感範圍:0.10~1000 μ H

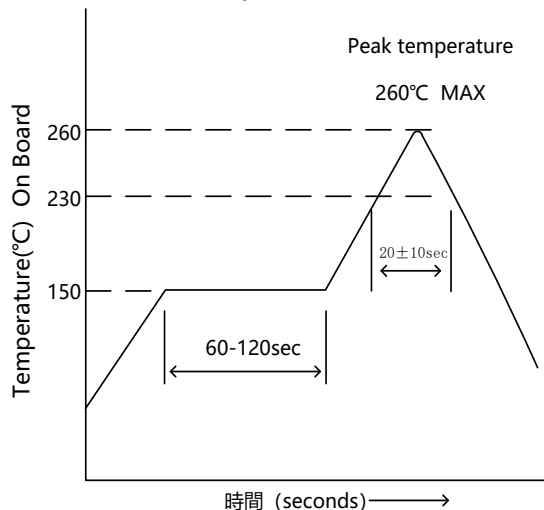
Operating Temperature/工作溫度:−40℃ ~ +105℃

Storage Temperature/儲存溫度:−40℃ ~ +105℃

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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