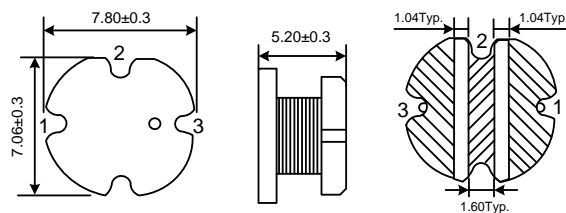




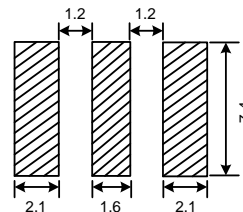
Type: FCD75S



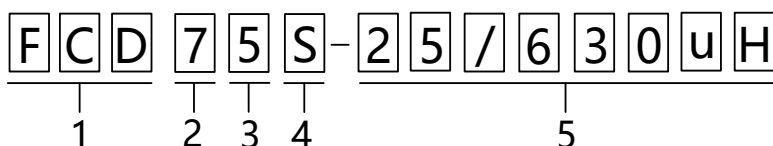
Dimensions外形尺寸(mm)



Recommended Land Pattern(mm)



PRODUCT IDENTIFICATION/产品标识



1. Product symbol/产品类型 : FCD (Unshield/无屏蔽)
2. Body length/产品长度 : mm
3. Body height/产品高度 : mm
4. Type/类别
5. Inductance/感量 : μH



FEATURES:

- Quantity/reel:1000PCS.
- Square 7.8mm type(8.1mm Max).Height 5.5mm Max.
- Boost inductor.
- High current,low DCR.
- Widely use in humidifier/hydrating instrument/alarm etc.

特长:

- 数量/卷:1000PCS.
- 方形7.8mm(8.1mm Max),高度5.5mm Max.
- 升压电感器.
- 大电流,低直流电阻.
- 广泛应用于加湿器/补水仪/报警器等.

ELECTRICAL CHARACTERISTICS/电气特性

Part NO. 品名	Inductance电感量(μH)		D.C.R. 直流电阻(Ω)		Rated Current 额定电流(A)		Turns ratio 匝数比
	L(3-2)	L(2-1)	(3-2)Max	(2-1)Max	(3-2)Max	(2-1)Max	
FCD75S-15/450uH	15 \pm 30%	450 \pm 30%	0.45	3.00	1.3	0.3	19:107
FCD75S-25/630uH	25 \pm 30%	630 \pm 30%	0.50	3.50	1.3	0.3	24:128
FCD75S-25/800uH	25 \pm 30%	800 \pm 30%	0.50	4.00	1.3	0.3	24:147

Operating Temperature/工作温度: -40°C ~ +85°C

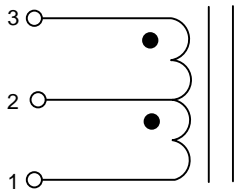
Storage Temperature/储存温度: -40°C ~ +85°C

(1) Test frequency :1KHz/0.25V;

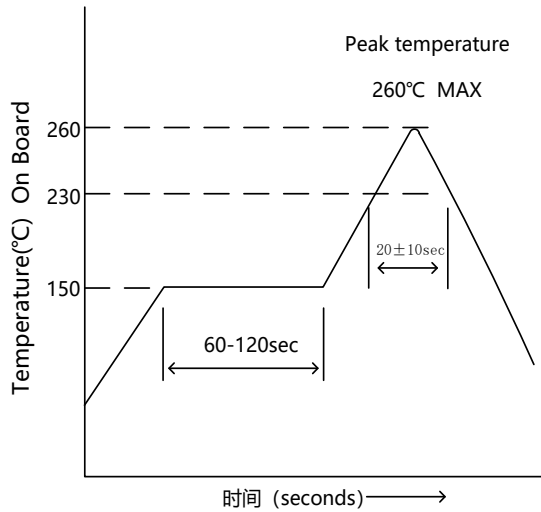
(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 10%,or temperature to rise by 40°C,whichever is smaller(At ambient reference temperature:25°C).



Electrical Schematic/原理图



Recommended Temperature Conditions of Air Reflow Soldering/推荐回流焊温度条件



In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

除了这里显示的标准品之外,可根据客户要求设计.

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