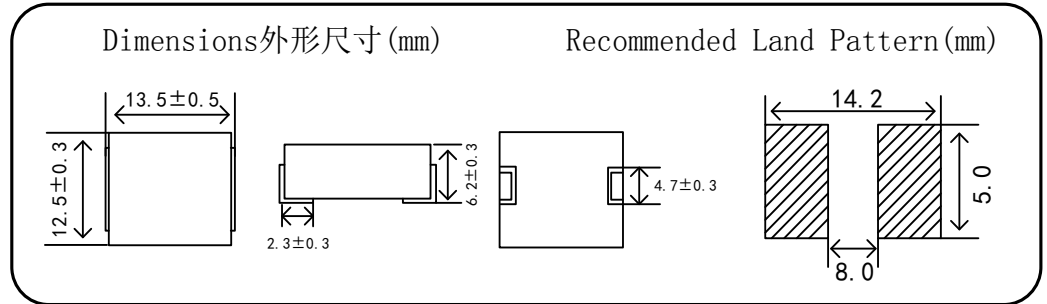
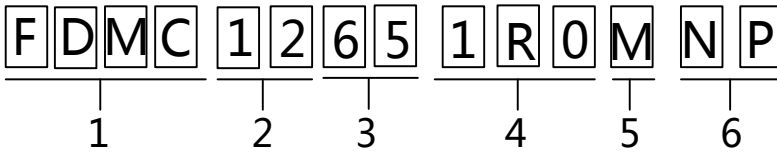




Type: FDMC1265



PRODUCT IDENTIFICATION/产品标识



1. Product symbol/产品类型 : FDMC (shield/屏蔽)
2. Body length /产品长度 : mm
3. Body height /产品高度 : mm
4. Inductance /感量 : μH
5. Tolerance /公差 : M $\pm 20\%$, N $\pm 30\%$
6. RoHs Compliant(SGS Certified)
本产品满足环境保护要求(有害物质限用)



FEATURES:

- Quantity/reel:500PCS.
- Small product,square 12.5mm type(14.0mm Max).Height 6.5mm Max.
- Carrier tape is used for SMT.
- High current,low DCR,high efficiency.
- Widely use in DC-DC converter/Notebook/CPU HDTV, car audio .

特长:

- 数量/卷:500PCS.
- 产品小型化方形12.5mm(14.0mm Max)高度6.5mm Max
- 使用载带包装运用于SMT.
- 大电流, 低直流电阻, 高效率.
- 广泛应用于升降压转换器/笔记本电脑/电脑主板 高清电视, 汽车音响.

ELECTRICAL CHARACTERISTICS/电气特性

Part NO. 品名	Inductance 电感量(μH)	Tolerance 公差(%)	D.C.R. 直流电阻		I sat 饱和电流(A)	I rms 温升电流(A)
			Typ(m Ω)	Max(m Ω)		
FDMC1265-R22	0.22	M	0.47	0.6	112	53
FDMC1265-R33	0.33	M	0.65	0.8	68	46
FDMC1265-R36	0.36	M	0.70	0.9	66	45
FDMC1265-R47	0.47	M	0.90	1.2	63	41
FDMC1265-R56	0.56	M	1.05	1.2	58	37
FDMC1265-R68	0.68	M	1.25	1.5	55	35
FDMC1265-R82	0.82	M	1.5	1.9	50	33
FDMC1265-1R0	1.0	M	1.7	2.3	48	30
FDMC1265-1R5	1.5	M	2.5	3.0	45	27
FDMC1265-2R2	2.2	M	3.8	4.2	37	22
FDMC1265-3R3	3.3	M	5.7	6.8	30	18
FDMC1265-4R7	4.7	M	7.0	8.4	28	13.5
FDMC1265-5R6	5.6	M	8.5	10.0	23	12.5
FDMC1265-6R8	6.8	M	9.5	11.5	18	11.5
FDMC1265-8R2	8.2	M	12	15.5	16	10.5
FDMC1265-100	10	M	13.2	16.5	15.5	10.0
FDMC1265-150	15	M	23.2	28	13	9.0
FDMC1265-220	22	M	32.5	37	12	9.0
FDMC1265-330	33	M	48	58	11	8.0
FDMC1265-470	47	M	76	90	9.5	6.5
FDMC1265-680	68	M	110	130	7.8	4.8
FDMC1265-101	100	M	145	165	5.5	4.2

(1) Test frequency :100KHz/1.0V

(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller.(At ambient reference temperature:25°C)

(1) 电感测试频率:100KHz/1.0V ;

(2) 最大容许电流定义:电感下降30%或温度上升40°C时取其小值作为最大容许电流.(周围环境温度25°C)

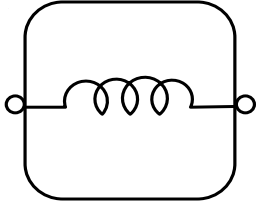


Inductance Range/电感范围:0.22~100μH

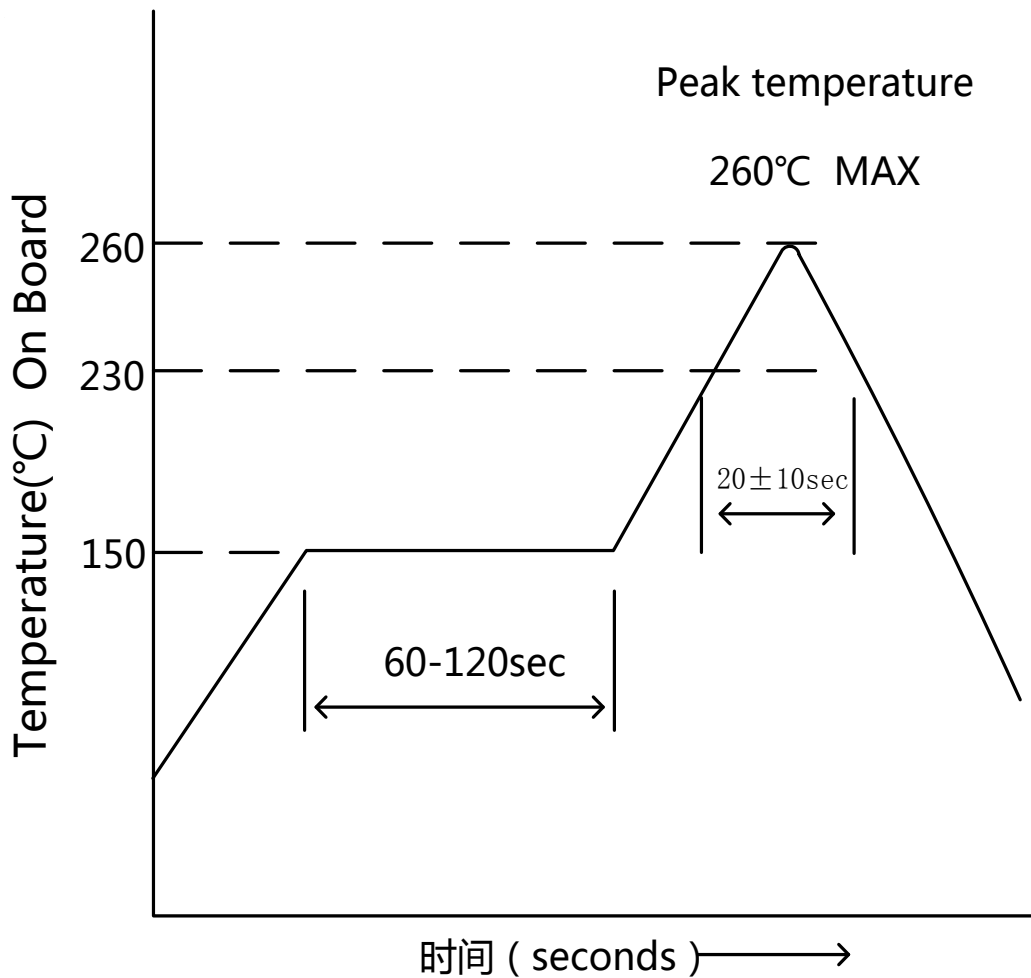
Operating Temperature /工作温度:-40℃ ~ +125℃

Storage Temperature /储存温度:-40℃ ~ +125℃

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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