



● **Features**

Various high power inductors are superior to be high saturation for surface mounting.

● **特性**

具有高功率，强力高饱和电流，低阻抗，小型化之特性。

● **Applications**

Power supply for VTR,OA equipment Digital camera,LCD television set notebook PC, portable communication equipments,DC/DC converters,etc.

● **用途**

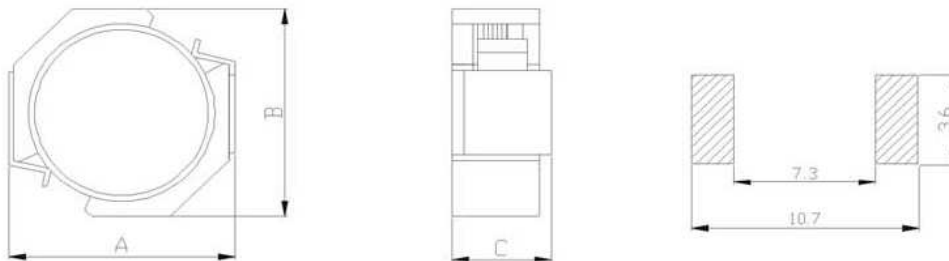
录影机，OA仪器，数码相机，液晶电视，笔记型电脑小型通信机器，DC/DC变压器之电源供应器等。



● **Part Numbering System (品名规格)**

SFQ	1 0 4 L	—	2 R 2		N	—	R	S	L	F
1	2		3		4		5			
SERIES	DIMENSION		TYPE		INDUCTANCE TOLERANCE		PACKING			
					J: ± 5%,K: ± 10%,L: ± 15%		R:Tape&Ree (卷装) S:series (系列)			
					M: ± 20%,P: ± 25%,N: ± 30%		B:In Bulk (散装) LF:Lead Free (无铅)			
品名	尺寸		电感值		公差		包装			

● **Shapes and Dimensions (形状及尺寸)**



UNIT: mm

Type (型式)	A	B	C(max)	
SFQ104L	10.0 ± 0.4	9.7 ± 0.4	4.0	

**SFQ104L SERIES****SPECIFICATION TABLE:**

Part Number (品名)	Inductance (μH) $\pm 20\%$ (电感值)	DCR($\text{m}\Omega$) (直流阻抗)		Isat DC Curren (A) (饱和电流)	Irms DC Curren (A) (温升电流)
		Typical	MAX	Typical	Typical
SFQ104L-1R0N-R-S	1.0	4.3	5.2	11.90	9.7
SFQ104L-1R5N-R-S	1.5	5.1	6.2	9.90	8.9
SFQ104L-2R2N-R-S	2.2	7.9	9.5	8.20	7.1
SFQ104L-3R3N-R-S	3.3	10.5	12.6	6.70	6.2
SFQ104L-4R7N-R-S	4.7	12.7	15.3	5.40	5.6
SFQ104L-6R8N-R-S	6.8	19.8	23.8	4.60	4.5
SFQ104L-100M-R-S	10.0	28.0	33.0	3.80	3.8
SFQ104L-150M-R-S	15.0	36.0	42.0	3.10	3.3
SFQ104L-220M-R-S	22.0	50.0	58.0	2.50	2.8
SFQ104L-330M-R-S	33.0	80.0	93.0	2.10	2.2
SFQ104L-470M-R-S	47.0	108.0	124.0	1.70	1.9
SFQ104L-680M-R-S	68.0	155.0	178.0	1.40	1.6
SFQ104L-101M-R-S	100.0	216.0	248.0	1.20	1.3
SFQ104L-151M-R-S	150.0	343.0	394.0	0.99	1.1
SFQ104L-221M-R-S	220.0	467.0	537.0	0.81	0.9
SFQ104L-331M-R-S	330.0	757.0	870.0	0.67	0.7

Remark:

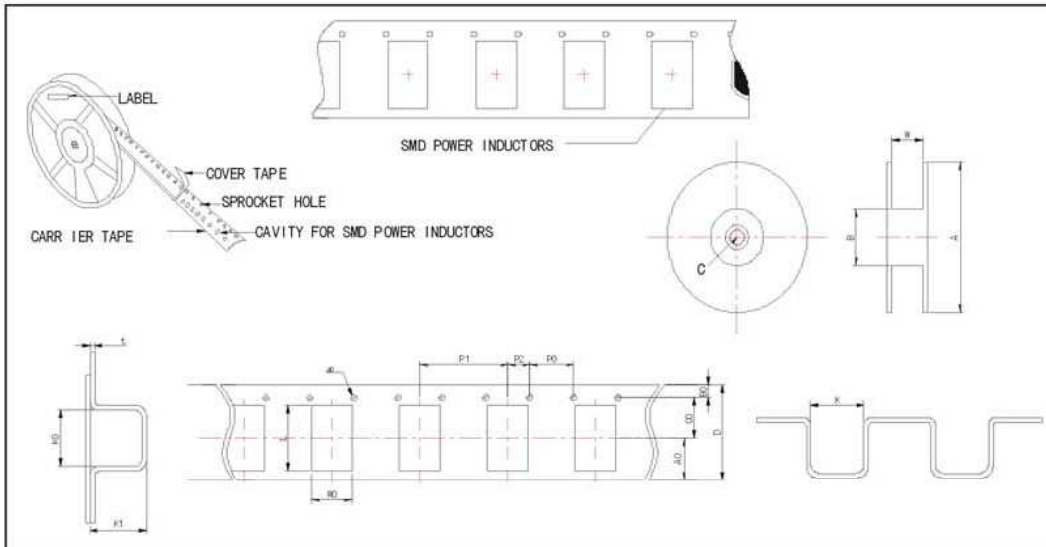
<1>Inductance tested at 100KHz 0.25Vrms

<2>Isat:The value of curret indicates that inductance drops 30%(Max) from its initial value

<3>Irms:The value of current indicates that the temperature of the coil is increase 40°C(Max)

<4>Operating temp range:-40°C-----+105°C

<5>Electrical specifications at:20°C



● Reel Dimensions & Packing Unit(卷轴尺寸及包装数量)

UNIT:mm

Part Number 品名	Dimensions of Reel 卷轴尺寸				Packaging Unit 包装数
	A	B	C	W	
SFQ104L	330	100.0±2.00	13.50±0.50	24.5±0.50	1000pcs/r

● Carrier Tape Dimensions(载带尺寸)

UNIT:mm

Sym.	SFQ104L					
AO	10.75±0.1					
BO	1.75±0.1					
CO	11.5±0.1					
D	24.0±0.3					
K	10.5±0.2					
KO	10.6±0.2					
K1	4.2±0.1					
L	11.0±0.2					
WO	10.9±0.2					
PO	4.0±0.1					
P1	16.0±0.1					
P2	2.0±0.05					
d0	1.55±0.05					
t	0.40±0.05					