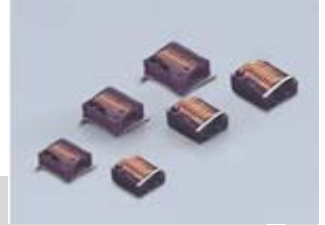


贴片弹簧圈

SURFACE MOUNT SPRING COILS

Operating Temp: -40 °C ~ 125 °C



特征:

- 高 Q 值在很宽的频率范围。
- 外表和高温材质。
- 形成了一个平顶且适用于自动安置和回流
- 具有可靠的焊接性能。
- 标准 EIA 带和卷轴包装。

FEATURES:

- High Q over a wide frequency range.
- Jacket with a high temperature material which assures mechanical stability and very close tolerance .
- Forms a flat top making them suitable for automatic placement and reflow
- Tinned leads assure reliable soldering.
- Standard EIA tape and reel packing. .

用途:

- 卫星通信系统
- 具有电视和音响设备
- 微波设备 .
- 宽带设备

APPLICATIONS:

- Satellite communication systems.
- TVs and audio equipment.
- Microwave equipment.
- Band pass equipment.

产品型号:

PRODUCT IDENTIFICATION:

YKSTC

0403

18N5

J

I

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类型 Type	
YKSTC	贴片弹簧圈 Surface Mount Spring Coils

外形尺寸(LxH) (mm) External Dimensions (LxH) (mm)	
0403	3.68X3.18

Inductance
18.5uH

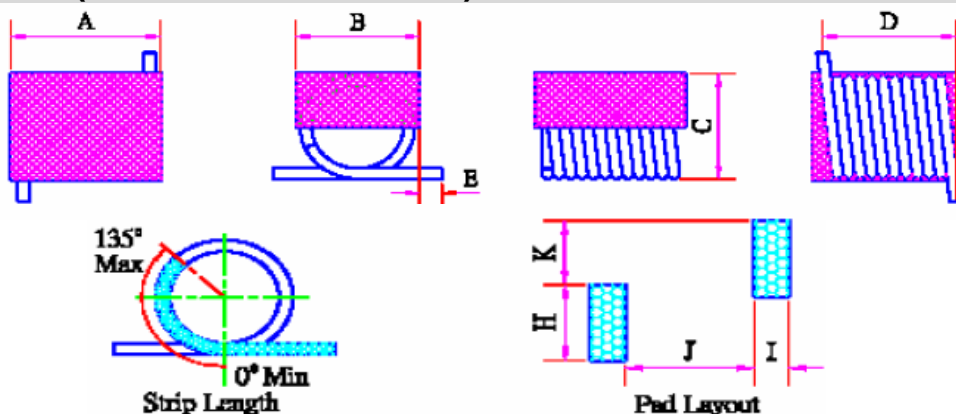
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⑤

Tolerance	
J: ±5%, K: ±10%, L: ±15%	
M: ±20%, P: ±25%, N: ±30%	

包装 Packing	
B	散装 Bulk Package
T	编带 Tape & Reel

Shape and Size(Dimension are in mm):



YK P/N	A	B	C	D	E	H	I	J	K
STC0403	3.68 REF	3.05 REF	3.18 REF	2.92±0.25	0.58±0.38	3.30	1.27	1.65	2.79
STC0504	4.95 MAX	3.81 MAX	4.20 MAX	4.32±0.39	1.53±0.39	5.16	1.48	2.85	2.62
STC0703	6.86 REF	3.05 REF	3.18 REF	5.84±0.25	0.58±0.38	3.30	1.27	4.70	2.79
STC1006	10.55 MAX	6.35 MAX	5.97 MAX	7.98±0.51	1.27±0.39	4.70	2.04	5.95	2.42

YKSTC0403 系列:

Part Number	Turns	Inductance (nH)	Quality Factor (MIN)	Test Freq. (MHz)	SRF (MHz) Min	DCR (mOHM) Max	I _{dc} (A) Max
YKSTC0403-2N5K	1	2.5	145	150	12500	1.1	4.0
YKSTC0403-5N0K	2	5.0	140	150	6500	1.8	4.0
YKSTC0403-8N0J	3	8.0	140	150	5000	2.6	4.0
YKSTC0403-12N5J	4	12.5	137	150	3300	3.4	4.0
YKSTC0403-18N5J	5	18.5	132	150	2500	3.9	4.0

YKSTC0504 系列:

Part Number	Turns	Inductance (nH)	Quality Factor (MIN)	Test Freq. (MHz)	SRF (MHz) Min	DCR (mOHM) Max	I _{dc} (A) Max
YKSTC0504-22NJ	5	22	100	150	3200	4.2	3.0
YKSTC0504-27NJ	5	27	100	150	2700	4.0	3.5
YKSTC0504-33NJ	6	33	100	150	2500	4.8	3.0
YKSTC0504-39NJ	6	39	100	150	2100	4.4	3.0
YKSTC0504-47NJ	7	47	100	150	2100	5.6	3.0
YKSTC0504-56NJ	7	56	100	150	1500	6.2	3.0
YKSTC0504-68NJ	8	68	100	150	1500	8.2	2.5
YKSTC0504-82NJ	8	82	100	150	1300	9.4	2.5
YKSTC0504-R10J	9	100	100	150	1200	12.3	1.7
YKSTC0504-R12J	10	120	100	150	1100	17.3	1.5

YKSTC0703 系列:

Part Number	Turns	Inductance (nH)	Quality Factor (MIN)	Test Freq. (MHz)	SRF (MHz) Min	DCR (mOHM) Max	I _{dc} (A) Max
YKSTC0703-17N5J	6	17.5	100	150	2200	4.5	4.0
YKSTC0703-22NJ	7	22.0	102	150	2100	5.2	4.0
YKSTC0703-28NJ	8	28.0	105	150	1800	6.0	4.0
YKSTC0703-35N5J	9	35.5	112	150	1500	6.8	4.0
YKSTC0703-43NJ	10	43.0	106	150	1200	7.9	4.0

YKSTC1006 系列:

Part Number	Turns	Inductance (nH)	Quality Factor (MIN)	Test Freq. (MHz)	SRF (MHz) Min	DCR (mOHM) Max	I _{dc} (A) Max
YKSTC1006-90NJ	9	90	95	50	1140	15.0	3.5
YKSTC1006-R111J	10	111	87	50	1020	15.0	3.5
YKSTC1006-R130J	11	130	87	50	900	20.0	3.0
YKSTC1006-R169J	12	169	95	50	875	25.0	3.0
YKSTC1006-R206J	13	206	95	50	800	30.0	3.0
YKSTC1006-R222J	14	222	92	50	730	35.0	3.0
YKSTC1006-R246J	15	246	95	50	685	35.0	3.0
YKSTC1006-R307J	16	307	95	50	660	35.0	3.0
YKSTC1006-R380J	17	380	95	50	590	50.0	2.5
YKSTC1006-R422J	18	422	95	50	540	60.0	2.5
YKSTC1006-R491J	19	491	95	50	835	65.0	2.0
YKSTC1006-R538J	20	538	87	50	490	90.0	2.0