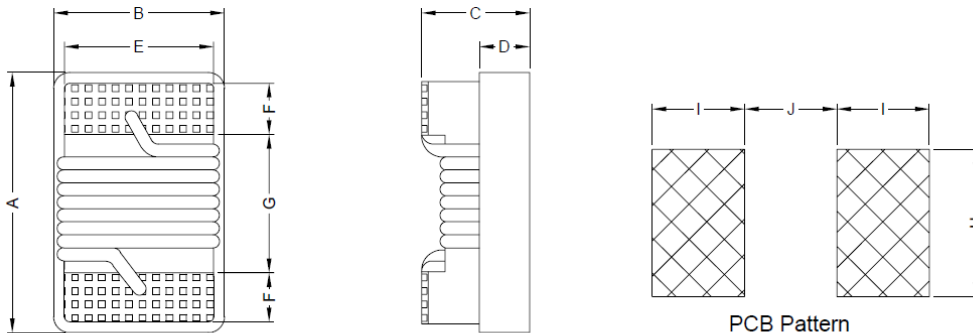


# WIREWOUND CHIP INDUCTOR

**SERIE:** IJS0603 1,80 x 1,12 x 1,02mm

## DIMENSIONS:

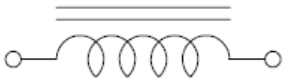
VPE: 4000pcs.



Unit:m/m

A	B	C	D	E	F	G	H	I	J
1.80 Max.	1.12 Max.	1.02 Max.	0.38 Ref.	0.76 Ref.	0.33 Ref.	0.86 Ref.	1.02 Ref.	0.64 Ref.	0.64 Ref.

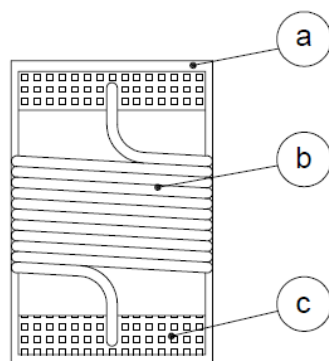
## SCHEMATIC:



## GENERAL SPECIFICATION :

- 1- Temp. rise: 40°C Max.
- 2- Operating temp. : -40°C to +125°C
- 3- Storage temp. : -20°C to +80°C
- 4- Rated current: Base on temp. rise &  $\Delta L/L0A=10\%$  Max.
- 5- Resistance to solder heat: 260°C. 10sec.

## MATERIALS:



- (a) Core : Ceramic U core
- (b) Wire : Enamelled Copper Wire
- (c) Terminal Metallization : Ag + Ni + Au

*NOTE : Specifications subject to change without notice. Please check our website for latest information.*

# WIREWOUND CHIP INDUCTOR

**SERIE:** IJS0603 1,80 x 1,12 x 1,02mm



## ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (nH)	Tolerance	Test Frequency (MHz)	Q Min.	SRF (MHz) Min.	DCR (Ω) Max	IDC (mA) Max.
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IJS0603 - 1N6-x	1,6	K, J	250	16	12500	0,040	700
IJS0603 - 1N8-x	1,8	K, J	250	16	12500	0,045	700
IJS0603 - 2N2-x	2,2	K, J	250	20	6000	0,100	700
IJS0603 - 3N3-x	3,3	K, J, G	250	22	6000	0,080	700
IJS0603 - 3N6-x	3,6	K, J, G	250	22	5800	0,063	700
IJS0603 - 3N9-x	3,9	K, J, G	250	22	6000	0,080	700
IJS0603 - 4N3-x	4,3	K, J, G	250	22	5800	0,063	700
IJS0603 - 4N7-x	4,7	K, J, G	250	20	5800	0,120	700
IJS0603 - 5N1-x	5,1	K, J, G	250	20	5800	0,160	700
IJS0603 - 5N6-x	5,6	K, J, G	250	20	5800	0,170	700
IJS0603 - 6N8-x	6,8	K, J, G	250	27	5800	0,110	700
IJS0603 - 7N5-x	7,5	K, J, G	250	27	4800	0,110	700
IJS0603 - 8N2-x	8,2	K, J, G	250	27	4800	0,110	700
IJS0603 - 8N7-x	8,7	K, J, G	250	27	4800	0,110	700
IJS0603 - 9N5-x	9,5	K, J, G	250	27	4800	0,130	700
IJS0603 - 10N-x	10	K, J, G	250	31	4800	0,130	700
IJS0603 - 11N-x	11	K, J, G	250	31	4000	0,086	700
IJS0603 - 12N-x	12	K, J, G	250	35	4000	0,130	700
IJS0603 - 15N-x	15	K, J, G	250	35	4000	0,170	700
IJS0603 - 16N-x	16	K, J, G	250	35	3300	0,170	700
IJS0603 - 18N-x	18	K, J, G	250	35	3100	0,170	700
IJS0603 - 22N-x	22	K, J, G	250	38	3000	0,190	700
IJS0603 - 23N-x	23	K, J, G	250	38	2850	0,190	700
IJS0603 - 24N-x	24	K, J, G	250	36	2800	0,130	700
IJS0603 - 27N-x	27	K, J, G	250	40	2800	0,220	600

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# WIREWOUND CHIP INDUCTOR

**SERIE:** IJS0603 1,80 x 1,12 x 1,02mm



## ELECTRICAL CHARACTERISTICS:

Part No.	Inductance (nH)	Tolerance	Test Frequency (MHz)	Q Min.	SRF (MHz) Min.	DCR (Ω) Max	IDC (mA) Max.
IJS0603 - 30N-x	30	K, J, G	250	37	2800	0,150	600
IJS0603 - 33N-x	33	K, J, G	250	40	2300	0,220	600
IJS0603 - 36N-x	36	K, J, G	250	37	2300	0,250	600
IJS0603 - 39N-x	39	K, J, G	250	40	2200	0,250	600
IJS0603 - 43N-x	43	K, J, G	250	38	2000	0,280	600
IJS0603 - 47N-x	47	K, J, G	250	38	2000	0,280	600
IJS0603 - 51N-x	51	K, J, G	250	35	1900	0,280	600
IJS0603 - 56N-x	56	K, J, G	250	38	1900	0,310	600
IJS0603 - 68N-x	68	K, J, G	250	37	1700	0,340	600
IJS0603 - 72N-x	72	K, J, G	250	34	1700	0,490	400
IJS0603 - 82N-x	82	K, J, G	250	34	1700	0,540	400
IJS0603 - R10-x	100	K, J, G	250	34	1400	0,580	400
IJS0603 - R11-x	110	K, J, G	250	32	1350	0,610	300
IJS0603 - R12-x	120	K, J, G	250	32	1300	0,650	300
IJS0603 - R15-x	150	K, J, G	100	32	1300	0,950	280
IJS0603 - R18-x	180	K, J, G	100	25	1250	1,400	250
IJS0603 - R22-x	220	K, J, G	100	25	1200	1,600	250
IJS0603 - R26-x	260	K, J, G	100	25	1200	2,000	200
IJS0603 - R27-x	270	K, J, G	100	25	900	2,100	200
IJS0603 - R33-x	330	K, J, G	100	25	900	3,800	100
IJS0603 - R39-x	390	K, J, G	100	25	900	4,350	100

Tolerance code: G= ±2%  
                  x= J = ±5%  
                  K = ±10%

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