

WIREWOUND CHIP INDUCTOR

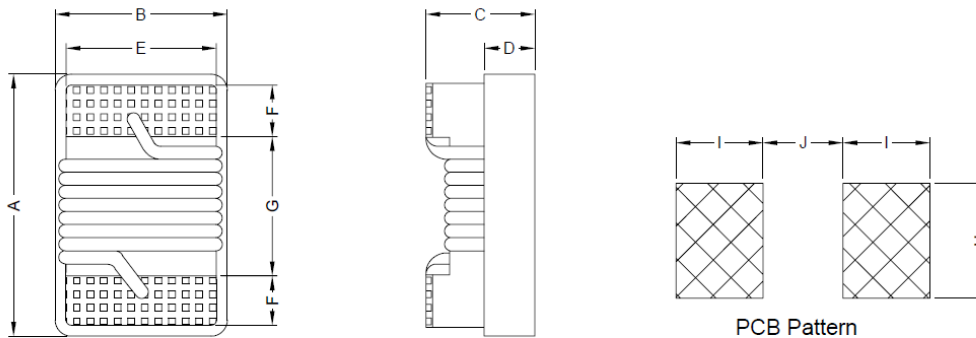
SERIE: IJS0402 1,27 x 0,76 x 0,61mm

DIMENSIONS:

VPE: 4000pcs.



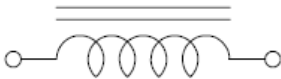
RoHS Compliant



Unit:m/m

| A | B | C | D | E | F | G | H | I | J |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 1.27 Max. | 0.76 Max. | 0.61 Max. | 0.15 Ref. | 0.51 Ref. | 0.23 Ref. | 0.56 Ref. | 0.66 Ref. | 0.50 Ref. | 0.46 Ref. |

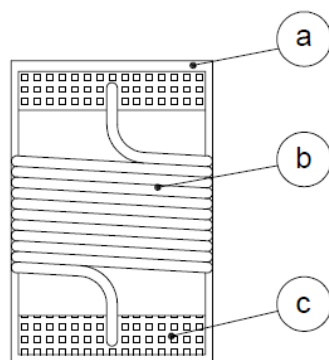
SCHEMATIC:



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: IJS0402 1,27 x 0,76 x 0,61mm



ELECTRICAL CHARACTERISTICS:

| Part No. | Inductance (nH) | Tolerance | Test Frequency (MHz) | Q Min. | SRF (MHz) Min. | DCR (Ω) Max | IDC (mA) Typ. |
|----------|-----------------|-----------|----------------------|--------|----------------|-------------|---------------|
|----------|-----------------|-----------|----------------------|--------|----------------|-------------|---------------|

| | | | | | | | |
|-----------------|-----|---------|-----|----|-------|-------|------|
| IJS0402 - 1N0-x | 1,0 | K, J, G | 250 | 16 | 12700 | 0,045 | 1360 |
| IJS0402 - 1N9-x | 1,9 | K, J, G | 250 | 16 | 11300 | 0,070 | 1040 |
| IJS0402 - 2N0-x | 2,0 | K, J, G | 250 | 16 | 11100 | 0,070 | 1040 |
| IJS0402 - 2N2-x | 2,2 | K, J, G | 250 | 16 | 10800 | 0,070 | 960 |
| IJS0402 - 2N4-x | 2,4 | K, J, G | 250 | 15 | 10500 | 0,070 | 790 |
| IJS0402 - 2N7-x | 2,7 | K, J, G | 250 | 16 | 10400 | 0,120 | 640 |
| IJS0402 - 3N3-x | 3,3 | K, J, G | 250 | 19 | 7000 | 0,066 | 840 |
| IJS0402 - 3N6-x | 3,6 | K, J, G | 250 | 19 | 6800 | 0,066 | 840 |
| IJS0402 - 3N9-x | 3,9 | K, J, G | 250 | 19 | 5800 | 0,066 | 840 |
| IJS0402 - 4N3-x | 4,3 | K, J, G | 250 | 18 | 6000 | 0,091 | 700 |
| IJS0402 - 4N7-x | 4,7 | K, J, G | 250 | 15 | 4700 | 0,130 | 640 |
| IJS0402 - 5N1-x | 5,1 | K, J, G | 250 | 20 | 4800 | 0,083 | 800 |
| IJS0402 - 5N6-x | 5,6 | K, J, G | 250 | 20 | 4800 | 0,083 | 760 |
| IJS0402 - 6N2-x | 6,2 | K, J, G | 250 | 20 | 4800 | 0,083 | 760 |
| IJS0402 - 6N8-x | 6,8 | K, J, G | 250 | 20 | 4800 | 0,083 | 680 |
| IJS0402 - 7N5-x | 7,5 | K, J, G | 250 | 22 | 4800 | 0,104 | 680 |
| IJS0402 - 8N2-x | 8,2 | K, J, G | 250 | 22 | 4400 | 0,104 | 680 |
| IJS0402 - 8N7-x | 8,7 | K, J, G | 250 | 18 | 4100 | 0,200 | 480 |
| IJS0402 - 9N0-x | 9,0 | K, J, G | 250 | 22 | 4160 | 0,104 | 680 |
| IJS0402 - 9N5-x | 9,5 | K, J, G | 250 | 18 | 4000 | 0,200 | 480 |
| IJS0402 - 10N-x | 10 | K, J, G | 250 | 21 | 3900 | 0,195 | 480 |
| IJS0402 - 11N-x | 11 | K, J, G | 250 | 24 | 3680 | 0,120 | 640 |
| IJS0402 - 12N-x | 12 | K, J, G | 250 | 24 | 3600 | 0,120 | 640 |
| IJS0402 - 13N-x | 13 | K, J, G | 250 | 24 | 3450 | 0,210 | 440 |
| IJS0402 - 15N-x | 15 | K, J, G | 250 | 24 | 3280 | 0,172 | 560 |

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

WIREWOUND CHIP INDUCTOR

SERIE: IJS0402 1,27 x 0,76 x 0,61mm



ELECTRICAL CHARACTERISTICS:

| Part No. | Inductance (nH) | Tolerance | Test Frequency (MHz) | Q Min. | SRF (MHz) Min. | DCR (Ω) Max | IDC (mA) Typ. |
|----------|-----------------|-----------|----------------------|--------|----------------|----------------------|---------------|
|----------|-----------------|-----------|----------------------|--------|----------------|----------------------|---------------|

| | | | | | | | |
|-----------------|----|---------|-----|----|------|-------|-----|
| IJS0402 - 16N-x | 16 | K, J, G | 250 | 24 | 3100 | 0,220 | 560 |
| IJS0402 - 18N-x | 18 | K, J, G | 250 | 24 | 3100 | 0,230 | 420 |
| IJS0402 - 19N-x | 19 | K, J, G | 250 | 24 | 3040 | 0,202 | 480 |
| IJS0402 - 20N-x | 20 | K, J, G | 250 | 25 | 3000 | 0,250 | 420 |
| IJS0402 - 22N-x | 22 | K, J, G | 250 | 25 | 2800 | 0,300 | 400 |
| IJS0402 - 23N-x | 23 | K, J, G | 250 | 22 | 2720 | 0,300 | 400 |
| IJS0402 - 24N-x | 24 | K, J, G | 250 | 25 | 2700 | 0,300 | 400 |
| IJS0402 - 27N-x | 27 | K, J, G | 250 | 24 | 2480 | 0,300 | 400 |
| IJS0402 - 30N-x | 30 | K, J, G | 250 | 25 | 2350 | 0,350 | 400 |
| IJS0402 - 33N-x | 33 | K, J, G | 250 | 24 | 2350 | 0,350 | 400 |
| IJS0402 - 36N-x | 36 | K, J, G | 250 | 24 | 2320 | 0,440 | 320 |
| IJS0402 - 39N-x | 39 | K, J, G | 250 | 25 | 2100 | 0,550 | 200 |
| IJS0402 - 40N-x | 40 | K, J, G | 250 | 24 | 2240 | 0,440 | 320 |
| IJS0402 - 43N-x | 43 | K, J, G | 250 | 25 | 2030 | 0,810 | 100 |
| IJS0402 - 47N-x | 47 | K, J, G | 250 | 20 | 2100 | 0,830 | 150 |
| IJS0402 - 51N-x | 51 | K, J, G | 250 | 25 | 1750 | 0,820 | 100 |
| IJS0402 - 56N-x | 56 | K, J, G | 250 | 22 | 1760 | 0,970 | 100 |
| IJS0402 - 68N-x | 68 | K, J, G | 250 | 22 | 1620 | 1,120 | 100 |

Tolerance code: G= $\pm 2\%$
 x= J = $\pm 5\%$
 K = $\pm 10\%$

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