

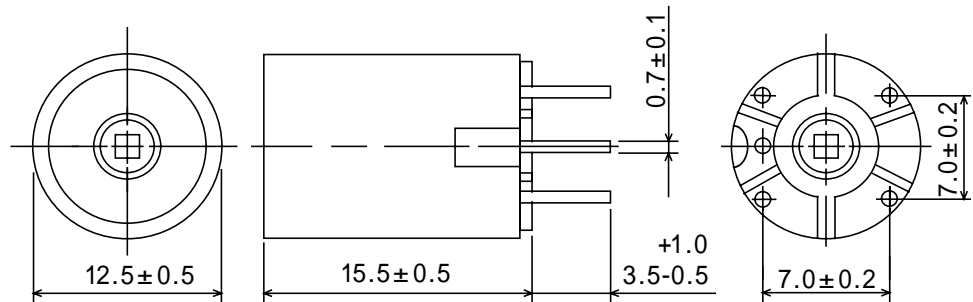
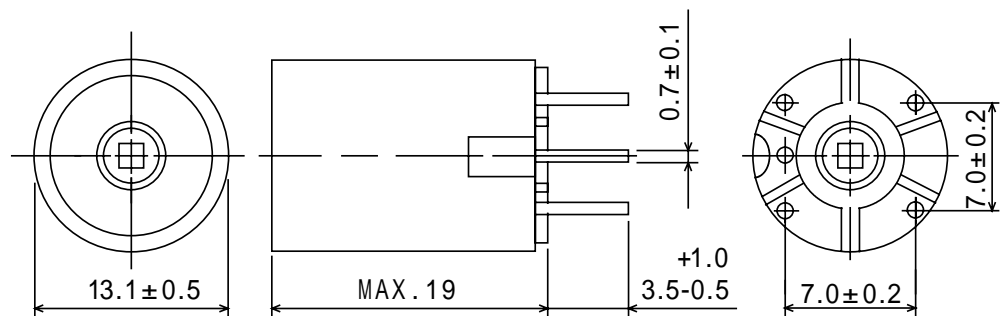
Type: MC-129J, MC-129JA
Product Description

- 13.0mm Max, 16.0mm Max. Height. (MC-129J)
- 13.6mm Max, 19.0mm Max. Height. (MC-129JA)
- Inductance: 82mH Max.
- Operating frequency: 250kHz Max.
- In addition to the standard versions of parameters shown here, custom designs are available to meet your exact requirements.

Feature

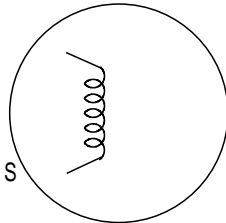
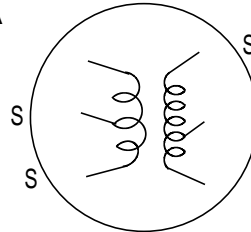
- High inductance variable shielded type.
- Can be used as DC-DC converter transformer.
- RoHS Compliance

Dimensions (mm)

MC-129J

MC-129JA


* Dimension does not include solder used on coil.

* Pin pitch should be measured at the root of terminal.

Type: MC-129J, MC-129JA
Connection (Bottom View)
MC-129J

MC-129JA


“ S ” is winding start.

Specification(MC-129J)

| NO. | Part No. | Stamp | Inductance [Variable] at 1 kHz | Unloaded Q [Min.] at 50 kHz | D.C.R.(Ω) [Max.](at 20) | Rated Current (mA) [Ref.] 1 |
|-----|--------------|-------|--|-----------------------------------|-----------------------------|-----------------------------------|
| 01 | MC129JNP-1Ø2 | 102 | 1.0mH ± 10% | 35 | 5 | 154 |
| 02 | MC129JNP-122 | 122 | 1.2mH ± 10% | 35 | 5 | 147 |
| 03 | MC129JNP-152 | 152 | 1.5mH ± 10% | 35 | 7 | 137 |
| 04 | MC129JNP-182 | 182 | 1.8mH ± 10% | 35 | 8 | 116 |
| 05 | MC129JNP-222 | 222 | 2.2mH ± 10% | 35 | 9 | 110 |
| 06 | MC129JNP-272 | 272 | 2.7mH ± 10% | 35 | 13 | 90.0 |
| 07 | MC129JNP-332 | 332 | 3.3mH ± 10% | 35 | 15 | 85.0 |
| 08 | MC129JNP-392 | 392 | 3.9mH ± 10% | 35 | 17 | 81.2 |
| 09 | MC129JNP-472 | 472 | 4.7mH ± 10% | 35 | 24 | 65.5 |
| 10 | MC129JNP-562 | 562 | 5.6mH ± 10% | 35 | 26 | 62.5 |
| 11 | MC129JNP-682 | 682 | 6.8mH ± 10% | 35 | 30 | 59.0 |
| 12 | MC129JNP-822 | 822 | 8.2mH ± 10% | 35 | 33 | 55.5 |
| 13 | MC129JNP-1Ø3 | 103 | 10mH ± 10% | 35 | 45 | 48.0 |
| 14 | MC129JNP-123 | 123 | 12mH ± 10% | 35 | 53 | 45.5 |
| 15 | MC129JNP-153 | 153 | 15mH ± 10% | 35 | 70 | 38.5 |
| 16 | MC129JNP-183 | 183 | 18mH ± 10% | 35 | 80 | 36.5 |
| 17 | MC129JNP-223 | 223 | 22mH ± 10% | 35 | 110 | 30.5 |
| 18 | MC129JNP-273 | 273 | 27mH ± 10% | 35 | 125 | 29.0 |
| 19 | MC129JNP-333 | 333 | 33mH ± 10% | 35 | 140 | 27.0 |
| 20 | MC129JNP-393 | 393 | 39mH ± 10% | 30 | 205 | 22.0 |
| 21 | MC129JNP-473 | 473 | 47mH ± 10% | 30 | 230 | 21.0 |
| 22 | MC129JNP-563 | 563 | 56mH ± 10% | 30 | 260 | 20.0 |
| 23 | MC129JNP-683 | 683 | 68mH ± 10% | 25 | 400 | 16.0 |
| 24 | MC129JNP-823 | 823 | 82mH ± 10% | 25 | 440 | 15.0 |

1 Rated current: The D.C. current at which the inductance decreases to 90% of it's initial value or when $t=40$, whichever is lower($T_a=20$).

Type: MC-129J, MC-129JA

Specification(MC-129JA) (Part No.S1220159)

| Item | (4 - 6) | Measuring Condition |
|------------|--------------------|---------------------|
| Inductance | 4.25mH±8% Variable | 1kHz |
| Unloaded Q | 40Min . | 140kHz |