Type: RCR1616

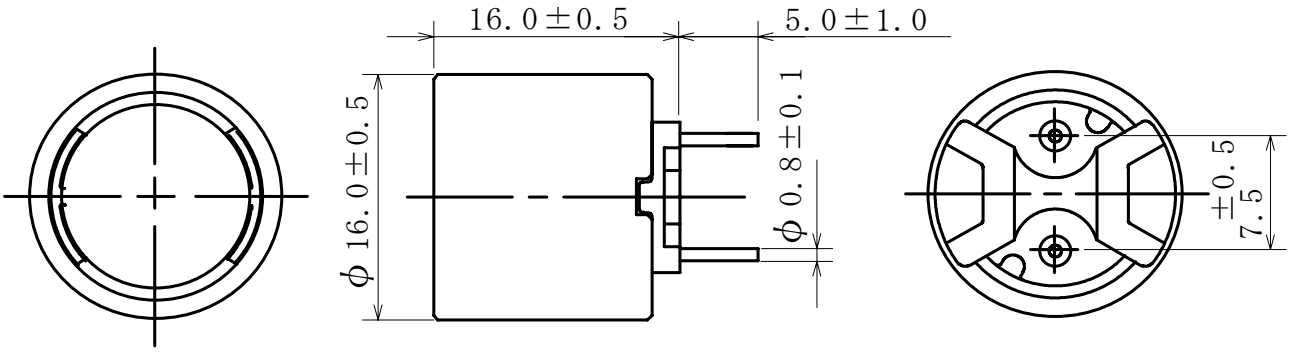
◆ Product Description

・16.5mm Max. φ, 16.5mm Max. Height.
・Inductance Range: 4.7uH～1.0mH
・Rated Current Range: 0.85～9.2A
・In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirements

◆ Feature

・Magnetically shielded construction.
・Ideally Used in Printers, LCD TV, DVD, Printer, Copy Machine, Mainboard of the compounding machines, etc as Power Supplies's Inductors or DC-DC Converter inductors.
・RoHS Compliance

◆ Dimensions (mm)



Type: RCR1616

◆ Specification

Part Name	Stamp	Inductance <within> (at 1kHz)	D.C.R.(mΩ) Max.(Typ.) at 20℃※1	Saturation-current (A)※1	Temperature Rise current (A)※2
RCR1616NP-4R7M	4R7M	4.7μH±20%	6.70(5.15)	12.6	9.2
RCR1616NP-6R8M	6R8M	6.8μH±20%	9.35(7.20)	9.8	8.0
RCR1616NP-1ØØM	100M	10μH±20%	10.5(8.25)	9.3	7.8
RCR1616NP-12ØM	120M	12μH±20%	11.0(8.47)	8.5	7.4
RCR1616NP-15ØM	150M	15μH±20%	14.5(11.2)	7.1	6.2
RCR1616NP-18ØM	180M	18μH±20%	16.5(12.7)	6.7	6.0
RCR1616NP-22ØM	220M	22μH±20%	17.0(13.0)	6.2	5.7
RCR1616NP-27ØM	270M	27μH±20%	20.0(15.2)	5.6	5.2
RCR1616NP-33ØM	330M	33μH±20%	27.0(20.5)	5.0	4.8
RCR1616NP-39ØM	390M	39μH±20%	33.0(25.4)	4.6	4.5
RCR1616NP-47ØM	470M	47μH±20%	37.0(28.4)	4.2	4.1
RCR1616NP-56ØM	560M	56μH±20%	45.0(34.5)	3.8	3.8
RCR1616NP-68ØM	680M	68μH±20%	56.0(43.0)	3.3	3.4
RCR1616NP-82ØM	820M	82μH±20%	64.5(49.5)	2.9	3.1
RCR1616NP-1Ø1K	101K	100μH±10%	68.0(52.5)	2.7	2.9
RCR1616NP-121K	121K	120μH±10%	80.0(61.7)	2.5	2.6
RCR1616NP-151K	151K	150μH±10%	91.0(70.0)	2.3	2.4
RCR1616NP-181K	181K	180μH±10%	135(104)	2.0	2.0
RCR1616NP-221K	221K	220μH±10%	155(119)	1.8	1.8
RCR1616NP-271K	271K	270μH±10%	180(140)	1.7	1.7
RCR1616NP-331K	331K	330μH±10%	240(183)	1.5	1.4
RCR1616NP-391K	391K	390μH±10%	255(196)	1.3	1.3
RCR1616NP-471K	471K	470μH±10%	280(215)	1.2	1.3
RCR1616NP-561K	561K	560μH±10%	380(291)	1.1	1.1
RCR1616NP-681K	681K	680μH±10%	515(397)	1.0	1.0
RCR1616NP-821K	821K	820μH±10%	575(443)	0.96	0.99
RCR1616NP-1Ø2K	102K	1.0mH±10%	665(513)	0.85	0.93

※1: Saturation current: The DC current at which the inductance decreases to 90% of it's initial value.

※2: Temperature rise current: The DC current at which the temperature rise is △t＝40℃.(Ta＝20℃).