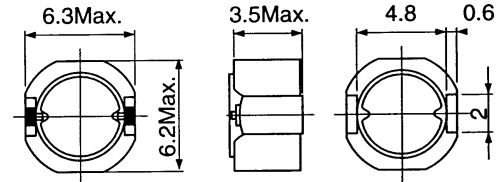


TYPE D63CB

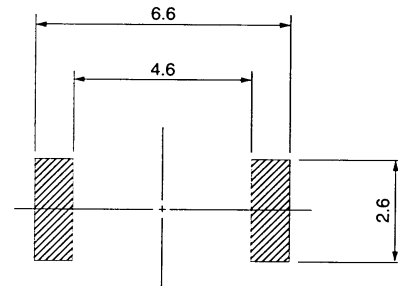
Frequency Range: 10kHz - 1MHz

Inductance Range: 2 - 150μH



Unit: mm

Recommended patterns:



Unit: mm

Features

- Low profile (3.5mm max.)
- Ideal for a variety of DC-DC converter inductor applications
- Available in magnetically shielded or unshielded version
- Available on tape and reel for auto-insertion
- Suitable for reflow soldering

STANDARD PARTS SELECTION GUIDE

- (1) Inductance is measured by LCR-meter 4284A (HP) or equivalent.
 (2) DC Resistance is measured by Digital Multimeter TR6871 (Advantest) or equivalent.

- (3) Maximum allowable DC current is that which causes a 30% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C).

TYPE D63CB (with Ferrite Shield)

TOKO Part Number	Inductance ⁽¹⁾ L (μH)	Tolerance (%)	DC ⁽²⁾ Resistance (mΩ) typ.	Inductance ⁽³⁾ Decrease Current (A) max.	Temperature ⁽³⁾ Rise Current (A) max.
A916CY-2R0M=P3	2.0	±20	16.0	2.997	3.30
A916CY-2R7M=P3	2.7	±20	18.3	2.691	3.12
A916CY-3R3M=P3	3.3	±20	21.4	2.573	2.81
A916CY-4R7M=P3	4.7	±20	26.3	2.084	2.51
A916CY-6R2M=P3	6.2	±20	29.1	1.835	2.41
A916CY-8R2M=P3	8.2	±20	36.2	1.542	2.11
A916CY-100M=P3	10.0	±20	41.2	1.491	1.97
A916CY-120M=P3	12.0	±20	51.7	1.282	1.73
A916CY-150M=P3	15.0	±20	64.1	1.103	1.54
A916CY-180M=P3	18.0	±20	67.9	1.046	1.52
A916CY-220M=P3	22.0	±20	88.4	0.968	1.29
A916CY-270M=P3	27.0	±20	117	0.821	1.11
A916CY-330M=P3	33.0	±20	135	0.755	1.02
A916CY-390M=P3	39.0	±20	159	0.700	0.96
A916CY-470M=P3	47.0	±20	174	0.677	0.89
A916CY-560M=P3	56.0	±20	214	0.602	0.80
A916CY-680M=P3	68.0	±20	266	0.556	0.71
A916CY-820M=P3	82.0	±20	349	0.468	0.61
A916CY-101M=P3	100.0	±20	397	0.449	0.57
A916CY-151M=P3	150.0	±20	553	0.367	0.48

Note: =P3 is added to each part number to indicate tape and reel packaging.