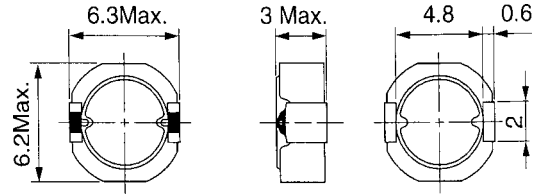


TYPE D63LCB

Frequency Range: 10kHz - 1MHz

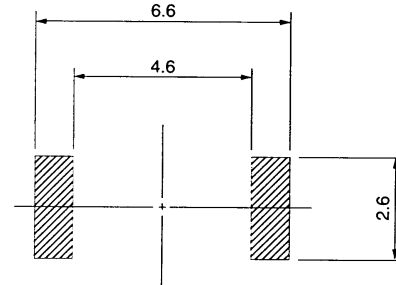
Inductance Range: 1 - 150μH



Unit: mm

Features

- Low profile (3.0mm max.)
- Ideal for a variety of DC-DC converter inductor applications
- Magnetically shielded
- Available on tape and reel for auto-insertion
- Suitable for reflow soldering

Recommended patterns:

Unit: mm

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 D63LCB (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.
A921CY-1R0M=P3	1.0	±20	11	3.59	4.03
A921CY-1R5M=P3	1.5	±20	13	2.93	3.63
A921CY-2R2M=P3	2.2	±20	16	2.42	3.30
A921CY-3R6M=P3	3.6	±20	21	1.89	2.83
A921CY-4R7M=P3	4.7	±20	27	1.66	2.45
A921CY-6R2M=P3	6.2	±20	32	1.45	2.20
A921CY-100M=P3	10.0	±20	49	1.14	1.77
A921CY-120M=P3	12.0	±20	52	1.04	1.70
A921CY-150M=P3	15.0	±20	62	0.93	1.55
A921CY-180M=P3	18.0	±20	74	0.85	1.41
A921CY-220M=P3	22.0	±20	95	0.77	1.23
A921CY-270M=P3	27.0	±20	120	0.70	1.08
A921CY-330M=P3	33.0	±20	140	0.63	0.99
A921CY-390M=P3	39.0	±20	150	0.58	0.95
A921CY-470M=P3	47.0	±20	185	0.53	0.84
A921CY-560M=P3	56.0	±20	220	0.48	0.76
A921CY-680M=P3	68.0	±20	270	0.44	0.69
A921CY-820M=P3	82.0	±20	330	0.40	0.61
A921CY-101M=P3	100.0	±20	415	0.36	0.54
A921CY-151M=P3	150.0	±20	616	0.31	0.42

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

 Please read PRECAUTIONS and NOTES sections of this catalog for safe operation. This catalog contains consumer grade specifications only. Detailed technical specifications are available upon request.