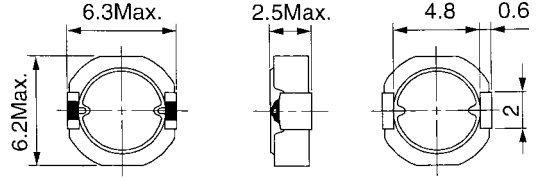


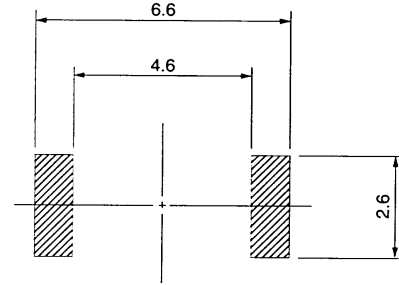
## TYPE D62CB

Frequency Range: 10kHz - 1MHz  
Inductance Range: 1 - 100μH



Unit: mm

### Recommended patterns:



Unit: mm

### Features

- Low profile (2.5mm 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

## 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 D62CB (with Ferrite Shield)

TOKO Part Number	Inductance <sup>(1)</sup> L (μH)	Tolerance (%)	DC <sup>(2)</sup> Resistance (mΩ) typ.	Inductance <sup>(3)</sup> Decrease Current (A) max.	Temperature <sup>(3)</sup> Rise Current (A) max.
A920CY-1R0M=P3	1.0	±20	11	3.48	3.84
A920CY-1R5M=P3	1.5	±20	14	2.83	3.40
A920CY-2R0M=P3	2.0	±20	17	2.44	3.10
A920CY-3R3M=P3	3.3	±20	24	1.89	2.55
A920CY-4R3M=P3	4.3	±20	31	1.65	2.23
A920CY-6R2M=P3	6.2	±20	43	1.37	1.85
A920CY-100M=P3	10.0	±20	64	1.07	1.48
A920CY-120M=P3	12.0	±20	75	0.97	1.35
A920CY-150M=P3	15.0	±20	87	0.87	1.24
A920CY-180M=P3	18.0	±20	110	0.79	1.11
A920CY-220M=P3	22.0	±20	130	0.71	1.00
A920CY-270M=P3	27.0	±20	170	0.64	0.86
A920CY-330M=P3	33.0	±20	195	0.58	0.80
A920CY-390M=P3	39.0	±20	245	0.53	0.70
A920CY-470M=P3	47.0	±20	290	0.48	0.63
A920CY-560M=P3	56.0	±20	345	0.44	0.58
A920CY-680M=P3	68.0	±20	400	0.40	0.53
A920CY-820M=P3	82.0	±20	465	0.36	0.49
A920CE-101M=P3	100.0	±20	650	0.33	0.43

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