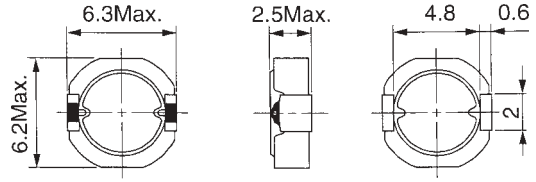


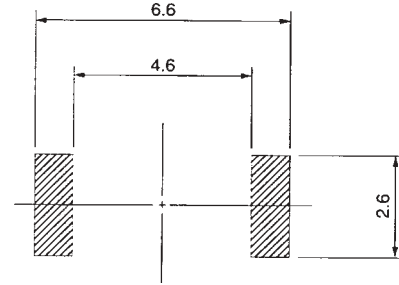
### TYPE D62CB

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
- Lead-free terminations

### 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.

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.