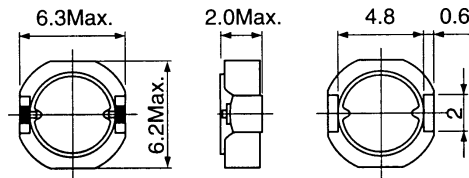


TYPE D62LCB

Frequency Range: 10kHz - 1MHz

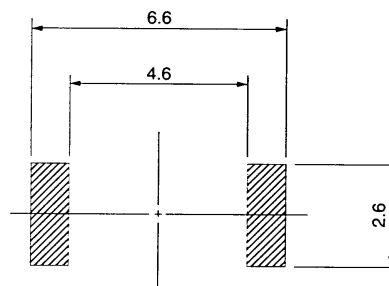
Inductance Range: 1 - 47μH



Unit: mm

Features

- Low profile (2.0mm 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

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 D62LCB (with Ferrite Shield)

TOKO Part Number	Inductance ⁽¹⁾ L (μH)	Tolerance (%)	DC ⁽²⁾ Resistance		Inductance ⁽³⁾ Decrease Current (A) max.	Temperature ⁽³⁾ Rise Current (A) max.
			(mΩ) typ.	(mΩ) max.		
A918CY-1R0M=P3	1.0	±20	14	16	3.50	3.48
A918CY-1R5M=P3	1.5	±20	17	21	2.94	2.99
A918CY-2R0M=P3	2.0	±20	24	28	2.47	2.33
A918CY-3R3M=P3	3.3	±20	39	47	1.99	1.97
A918CY-4R7M=P3	4.7	±20	55	65	1.59	1.54
A918CY-6R2M=P3	6.2	±20	62	74	1.49	1.45
A918CY-8R2M=P3	8.2	±20	85	102	1.25	1.23
A918CY-100M=P3	10.0	±20	98	118	1.22	1.09
A918CY-120M=P3	12.0	±20	128	153	0.99	1.10
A918CY-150M=P3	15.0	±20	149	179	0.94	0.82
A918CY-180M=P3	18.0	±20	172	207	0.83	0.90
A918CY-220M=P3	22.0	±20	211	253	0.80	0.74
A918CY-270M=P3	27.0	±20	275	330	0.65	0.65
A918CY-330M=P3	33.0	±20	306	368	0.63	0.61
A918CE-390M=P3	39.0	±20	394	473	0.55	0.56
A918CE-470M=P3	47.0	±20	452	542	0.50	0.52

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