

FIXED INDUCTORS FOR SURFACE MOUNTING

TYPE

D62C/F

TYPE D62C/F

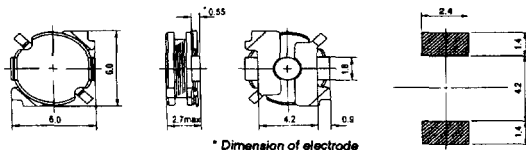
Frequency Range: 10kHz - 1MHz
Inductance Range: 1 ~ 47μH



D62C



D62F



* Dimension of electrode

Features

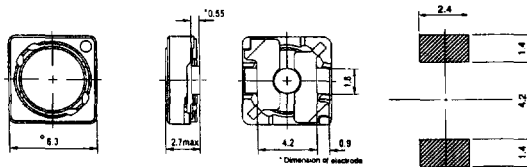
- Low profile (2.7mm max.) and D62C at 6.6mm square
- Ideal for a variety of DC-DC converter inductor applications
- Available on tape and reel for auto-insertion

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 10% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C).



* Dimension of electrode

Unit: mm
Tolerance : ±0.3

TYPE D62C (Magnetically Shielded)

TOKO Part Number	Inductance ⁽¹⁾ L (μH) ± 20%	Test Frequency (kHz)	DC Resistance ⁽²⁾ (Ω) max.	Rated DC Current ⁽³⁾ (A) max.
A847CY-1R0M	1.0	100	0.019	2.87
A847CY-1R5M	1.5	100	0.024	2.43
A847CY-2R4M	2.4	100	0.034	1.92
A847CY-3R0M	3.0	100	0.039	1.70
A847CY-3R9M	3.9	100	0.045	1.54
A847CY-4R7M	4.7	100	0.048	1.43
A847CY-6R2M	6.2	100	0.065	1.22
A847CY-7R5M	7.5	100	0.080	1.12
A847CY-100M	10.0	100	0.097	0.99
A847CY-120M	12.0	100	0.137	0.87
A847CY-150M	15.0	100	0.155	0.78
A847CY-180M	18.0	100	0.200	0.71
A847CY-220M	22.0	100	0.225	0.63
A847CY-270M	27.0	100	0.265	0.56
A847CY-330M	33.0	100	0.325	0.53
A847CY-390M	39.0	100	0.416	0.48
A847CY-470M	47.0	100	0.418	0.45

TYPE D62F (Unshielded)

TOKO Part Number	Inductance ⁽¹⁾ L (μH) ± 20%	Test Frequency (kHz)	DC Resistance ⁽²⁾ (Ω) max.	Rated DC Current ⁽³⁾ (A) max.
A847FY-1R0M	1.0	100	0.021	2.73
A847FY-1R5M	1.5	100	0.026	2.55
A847FY-2R4M	2.4	100	0.037	2.51
A847FY-3R0M	3.0	100	0.042	2.00
A847FY-3R6M	3.6	100	0.047	1.90
A847FY-4R7M	4.7	100	0.053	1.77
A847FY-6R2M	6.2	100	0.073	1.47
A847FY-6R8M	6.8	100	0.075	1.36
A847FY-100M	10.0	100	0.110	1.20
A847FY-120M	12.0	100	0.120	1.15
A847FY-150M	15.0	100	0.168	0.90
A847FY-180M	18.0	100	0.225	0.74
A847FY-220M	22.0	100	0.247	0.70
A847FY-270M	27.0	100	0.310	0.66
A847FY-330M	33.0	100	0.354	0.65
A847FY-390M	39.0	100	0.408	0.61
A847FY-470M	47.0	100	0.472	0.57