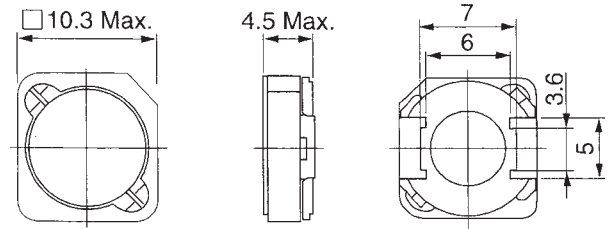


TYPE D104C

Frequency Range: 0.1 ~ 1MHz

Inductance Range: 1.0 - 47μH

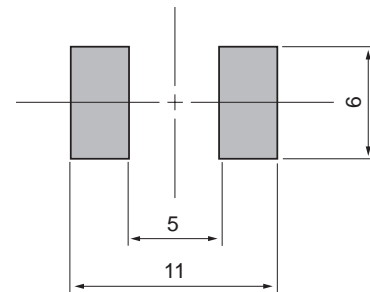


Unit: mm

Features

- Low profile (4.5mm max.)
- Magnetically shielded
- Available on tape and reel for auto-insertion
- Suitable for reflow soldering
- Lead-free terminations

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

TYPE D104C

TOKO Part Number	Inductance (μH)	Tolerance (%)	Inductance [A] ⁽³⁾ Decrease Current (A) max.	Temperature [B] ⁽³⁾ Rise Current (A) max.	DC ⁽²⁾ Resistance (mΩ) max.
#919AS-1R0N=P3	1.0	±30%	13.6	9.7	5.9
#919AS-1R8N=P3	1.8	±30%	10.4	9.5	7.6
#919AS-2R8M=P3	2.8	±20%	8.3	6.1	10.7
#919AS-3R7M=P3	3.7	±20%	7.0	5.3	14.2
#919AS-4R7M=P3	4.7	±20%	6.1	5.2	16.2
#919AS-6R4M=P3	6.4	±20%	5.2	4.8	22.9
#919AS-100M=P3	10	±20%	4.3	4.5	26.5
#919AS-160M=P3	16	±20%	3.3	3.7	49.2
#919AS-220M=P3	22	±20%	3.0	2.5	77.6
#919AS-270M=P3	27	±20%	2.7	2.4	88.3
#919AS-330M=P3	33	±20%	2.4	2.1	102
#919AS-470M=P3	47	±20%	1.8	1.8	150

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

[A] : 10% inductance reduction from the initial value.

[B] : Coil temperature to rise by 40°C.