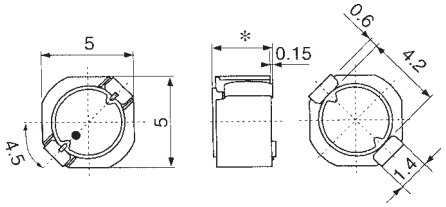
TYPE D52LC

Frequency Range: 0.1 - 1MHz
Inductance Range: 1.2 - 100µH



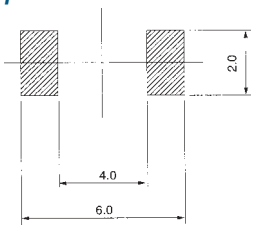
∗ : D52LC: 2.0max. / D53LC: 3.0max.

Unit: mm

Features

- Low profile (2.0mm 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 30% inductance reduction from the initial value, or coil temperature to rise by 40°C, whichever is smaller. (Reference ambient temperature 20°C).

TYPE D52LC

TOKO Part Number	Lo (µH)	Inductance Tolerance %	Inductance Test Freq. (kHz)	DC Resistance Spec (mΩ) max.	Rated DC Current (3) Δ L/L=30% (A) max.	Rated DC Current (3) Δ T=40°C (A) max.
#A914BYW-1R2M=P3	1.2	± 20	100	44	2.15	2.29
#A914BYW-2R2M=P3	2.2	± 20	100	59	1.63	1.64
#A914BYW-3R5M=P3	3.5	± 20	100	73	1.34	1.45
#A914BYW-4R7M=P3	4.7	± 20	100	87	1.14	1.22
#A914BYW-6R8M=P3	6.8	± 20	100	105	0.95	1.10
#A914BYW-100M=P3	10	± 20	100	150	0.76	0.87
#A914BYW-150M=P3	15	± 20	100	210	0.63	0.72
#A914BYW-220M=P3	22	± 20	100	275	0.56	0.66
#A914BYW-330M=P3	33	± 20	100	455	0.44	0.48
#A914BYW-470M=P3	47	± 20	100	730	0.36	0.35
#A914BYW-680M=P3	68	± 20	100	935	0.30	0.33
#A914BY-101M=P3	100	± 20	100	1500	0.23	0.24

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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for murata ***manufacturer:***

Other Similar products are found below :

786028C MGJ1D121905MPC-R7 MGJ2D051515SC 82103C 82224C 82473C GCM32EC71H106MA03L GRM2165C1H101FA01D PTGL09AS2R2K3B51B0 11R683C DD1274AS-H-220M=P3 DFE252012P-1R0M=P2 BPM15-120-Q12P-C NMK1212SC NMV1212DAC LQH43MN330J03L GJM0335C1E220GB01D GRM1885C1H150FA01J GRM3195C2A471JD01D RF1211C MGJ2D121509SC MGJ6D122005LMC-R7 #B953AS-330M=P3 BLM18AG601SN1J HN-214 HN-214X TZ03P450 UEE-12/12.5-D48NB-C LBWB1ZZYDZ-DTEMP-SNIC-UART-A LLM315R70J225MA11L 46334C DR4103 SCA830-D07-PCB NKE1212DC NMA1215SC UVQ-48/2.5-D24PB-C IML-0642 HPR105C HPQ-12/25-D48PB-C UWS-5/10-Q48N-C UWR-5/2000-D24E-C 19R683C UHE-152000-D24-C 782485/35C UEI-3.3/15-Q12PR-C MGJ2D122005SC MEV1S0505SC MEMS-EVAL-BOARD MEJ2D0512SC MEE3S1215SC