

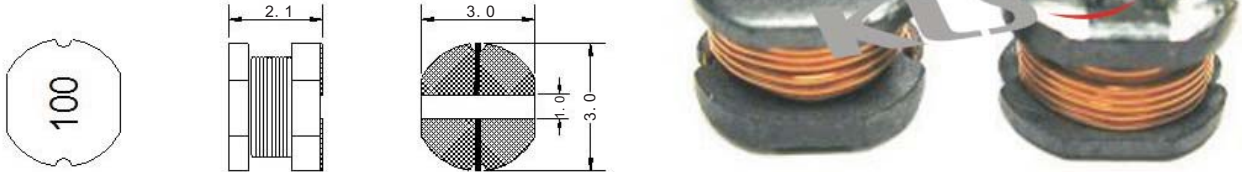


SMD Inductors Series

KLS18-SP32 SMD Inductors Series

Features:

- Low profile
- High-density mounting adoptable
- Leaching resistance to the heat and humidity
- High Saturation current to

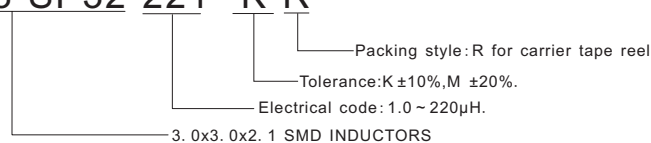


Part NO.	Test Condition	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Rated Current(A) Max
SP32-1R0M	1KHz/0.25V	1.0	±20	0.035	3.34
SP32-2R2M	1KHz/0.25V	2.2	±20	0.059	2.35
SP32-2R7M	1KHz/0.25V	2.7	±20	0.082	2.05
SP32-3R3M	1KHz/0.25V	3.3	±20	0.098	1.83
SP32-4R7M	1KHz/0.25V	4.7	±20	0.137	1.52
SP32-5R6M	1KHz/0.25V	5.6	±20	0.157	1.36
SP32-6R8M	1KHz/0.25V	6.8	±20	0.196	1.22
SP32-8R2M	1KHz/0.25V	8.2	±20	0.23	1.096
SP32-100K	1KHz/0.25V	10	±10	0.286	0.95
SP32-150K	1KHz/0.25V	15	±10	0.398	0.82
SP32-180K	1KHz/0.25V	18	±10	0.399	0.82
SP32-220K	1KHz/0.25V	22	±10	0.66	0.63
SP32-270K	1KHz/0.25V	27	±10	0.76	0.63
SP32-330K	1KHz/0.25V	33	±10	0.87	0.56
SP32-470K	1KHz/0.25V	47	±10	1.25	0.47
SP32-560K	1KHz/0.25V	56	±10	1.59	0.42
SP32-680K	1KHz/0.25V	68	±10	1.82	0.38
SP32-820K	1KHz/0.25V	82	±10	2.44	0.34
SP32-101K	1KHz/0.25V	100	±10	2.84	0.31
SP32-151K	1KHz/0.25V	150	±10	4.2	0.16
SP32-221K	1KHz/0.25V	220	±10	7.31	0.14

※ Special inquiries besides the above common used types can be meet.

ORDER INFORMATION

Product NO.: KLS18-SP32-221 K-R



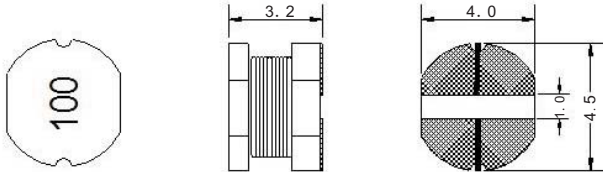


SMD Inductors Series

KLS18-SP43 SMD Inductors Series

Features:

- Low profile
- High-density mounting adoptable
- Leaching resistance to the heat and humidity
- High Saturation current to

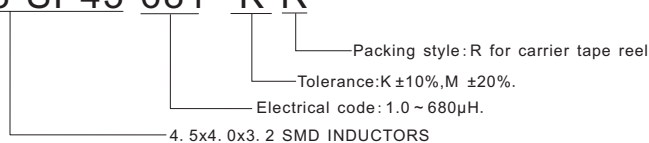


Part NO.	Test Condition	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Rated Current(A) Max
SP43-1R0M	1KHz/0.25V	1.0	±20	0.033	3.80
SP43-1R4M	1KHz/0.25V	1.4	±20	0.038	3.30
SP43-1R8M	1KHz/0.25V	1.8	±20	0.042	2.91
SP43-2R2M	1KHz/0.25V	2.2	±20	0.047	2.60
SP43-2R7M	1KHz/0.25V	2.7	±20	0.052	2.43
SP43-3R3M	1KHz/0.25V	3.3	±20	0.058	2.15
SP43-3R9M	1KHz/0.25V	3.9	±20	0.076	1.98
SP43-4R7M	1KHz/0.25V	4.7	±20	0.094	1.70
SP43-5R6M	1KHz/0.25V	5.6	±20	0.101	1.60
SP43-6R8M	1KHz/0.25V	6.8	±20	0.117	1.41
SP43-8R2M	1KHz/0.25V	8.2	±20	0.132	1.26
SP43-100K	1KHz/0.25V	10.0	±10	0.182	1.15
SP43-120K	1KHz/0.25V	12.0	±10	0.231	1.05
SP43-150K	1KHz/0.25V	15.0	±10	0.235	0.92
SP43-180K	1KHz/0.25V	18.0	±10	0.338	0.84
SP43-220K	1KHz/0.25V	22.0	±10	0.378	0.76
SP43-270K	1KHz/0.25V	27.0	±10	0.522	0.71
SP43-330K	1KHz/0.25V	33.0	±10	0.540	0.64
SP43-390K	1KHz/0.25V	39.0	±10	0.587	0.59
SP43-470K	1KHz/0.25V	47.0	±10	0.844	0.54
SP43-560K	1KHz/0.25V	56.0	±10	0.937	0.50
SP43-680K	1KHz/0.25V	68.0	±10	1.117	0.46
SP43-820K	1KHz/0.25V	82.0	±10	1.345	0.45
SP43-101K	1KHz/0.25V	100.0	±10	1.520	0.44
SP43-121K	1KHz/0.25V	120.0	±10	1.800	0.43
SP43-151K	1KHz/0.25V	150.0	±10	2.000	0.42
SP43-181K	1KHz/0.25V	180.0	±10	3.200	0.38
SP43-221K	1KHz/0.25V	220.0	±10	3.400	0.36
SP43-271K	1KHz/0.25V	270.0	±10	3.900	0.34
SP43-331K	1KHz/0.25V	330.0	±10	5.300	0.28
SP43-391K	1KHz/0.25V	390.0	±10	5.900	0.24
SP43-471K	1KHz/0.25V	470.0	±10	6.800	0.21
SP43-561K	1KHz/0.25V	560.0	±10	8.500	0.20
SP43-681K	1KHz/0.25V	680.0	±10	10.000	0.18

※ Special inquiries besides the above common used types can be meet.

ORDER INFORMATION

Product NO.: KLS18-SP43-681 K-R



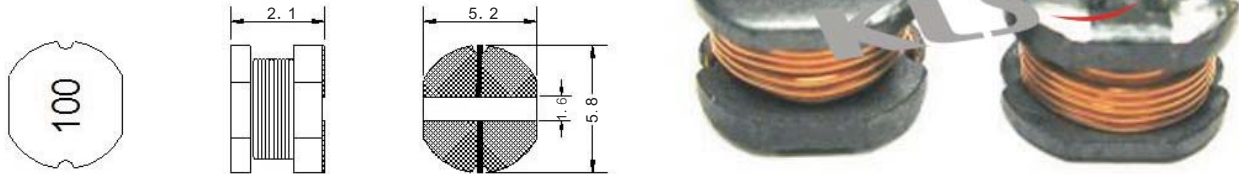


SMD Inductors Series

KLS18-SP52 SMD Inductors Series

Features:

- Low profile
- High-density mounting adoptable
- Leaching resistance to the heat and humidity
- High Saturation current to

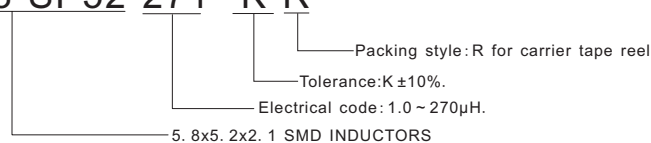


Part NO.	Test Condition	Inductance (µH)	Tolerance (%)	DC Resistance (Ω) Max	Rated Current(A) Max
SP52-100K	1KHz/0.25V	10.0	±10	0.133	1.04
SP52-120K	1KHz/0.25V	12.0	±10	0.148	0.96
SP52-150K	1KHz/0.25V	15.0	±10	0.166	0.88
SP52-180K	1KHz/0.25V	18.0	±10	0.213	0.77
SP52-220K	1KHz/0.25V	22.0	±10	0.248	0.73
SP52-270K	1KHz/0.25V	27.0	±10	0.328	0.64
SP52-330K	1KHz/0.25V	33.0	±10	0.378	0.58
SP52-390K	1KHz/0.25V	39.0	±10	0.438	0.54
SP52-470K	1KHz/0.25V	47.0	±10	0.546	0.49
SP52-560K	1KHz/0.25V	56.0	±10	0.621	0.45
SP52-680K	1KHz/0.25V	68.0	±10	0.715	0.41
SP52-820K	1KHz/0.25V	82.0	±10	1.000	0.35
SP52-101K	1KHz/0.25V	100.0	±10	1.070	0.35
SP52-121K	1KHz/0.25V	120.0	±10	1.250	0.32
SP52-151K	1KHz/0.25V	150.0	±10	1.660	0.26
SP52-181K	1KHz/0.25V	180.0	±10	1.900	0.23
SP52-221K	1KHz/0.25V	220.0	±10	2.440	0.21
SP52-271K	1KHz/0.25V	270.0	±10	2.730	0.19

※ Special inquiries besides the above common used types can be meet.

ORDER INFORMATION

Product NO.: KLS18-SP52-271 K-R



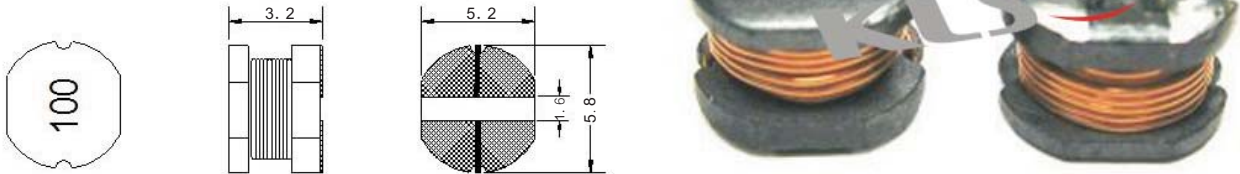


SMD Inductors Series

KLS18-SP53 SMD Inductors Series

Features:

- Low profile
- High-density mounting adoptable
- Leaching resistance to the heat and humidity
- High Saturation current to

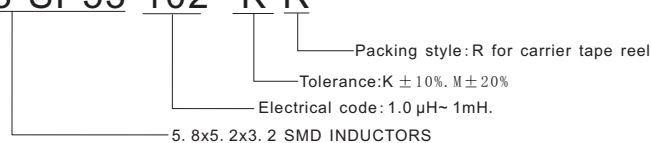


Part NO.	Test Condition	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Rated Current(A) Max
SP53-1R0M	1KHz/0.25V	1.0	±20	0.030	4.50
SP53-2R2M	1KHz/0.25V	2.2	±20	0.030	3.50
SP53-3R3M	1KHz/0.25V	3.3	±20	0.050	2.80
SP53-4R7M	1KHz/0.25V	4.7	±20	0.070	2.50
SP53-6R8M	1KHz/0.25V	6.8	±20	0.090	2.20
SP53-8R2M	1KHz/0.25V	8.2	±20	0.100	2.00
SP53-100K	1KHz/0.25V	10.0	±10	0.120	1.80
SP53-120K	1KHz/0.25V	12.0	±10	0.130	1.75
SP53-150K	1KHz/0.25V	15.0	±10	0.150	1.70
SP53-180K	1KHz/0.25V	18.0	±10	0.180	1.60
SP53-220K	1KHz/0.25V	22.0	±10	0.220	1.50
SP53-330K	1KHz/0.25V	33.0	±10	0.300	1.10
SP53-470K	1KHz/0.25V	47.0	±10	0.430	0.90
SP53-560K	1KHz/0.25V	56.0	±10	0.500	0.85
SP53-680K	1KHz/0.25V	68.0	±10	0.600	0.80
SP53-820K	1KHz/0.25V	82.0	±10	0.800	0.65
SP53-101K	1KHz/0.25V	100.0	±10	0.900	0.60
SP53-151K	1KHz/0.25V	150.0	±10	1.300	0.43
SP53-181K	1KHz/0.25V	180.0	±10	1.500	0.41
SP53-221K	1KHz/0.25V	220.0	±10	2.000	0.38
SP53-271K	1KHz/0.25V	270.0	±10	2.500	0.35
SP53-331K	1KHz/0.25V	330.0	±10	3.200	0.28
SP53-471K	1KHz/0.25V	470.0	±10	4.200	0.20
SP53-561K	1KHz/0.25V	560.0	±10	4.500	0.19
SP53-681K	1KHz/0.25V	680.0	±10	6.000	0.18
SP53-821K	1KHz/0.25V	820.0	±10	6.500	0.15
SP53-102K	1KHz/0.25V	1000.0	±10	8.000	0.13

※ Special inquiries besides the above common used types can be meet.

ORDER INFORMATION

Product NO.: KLS18-SP53-102 K-R



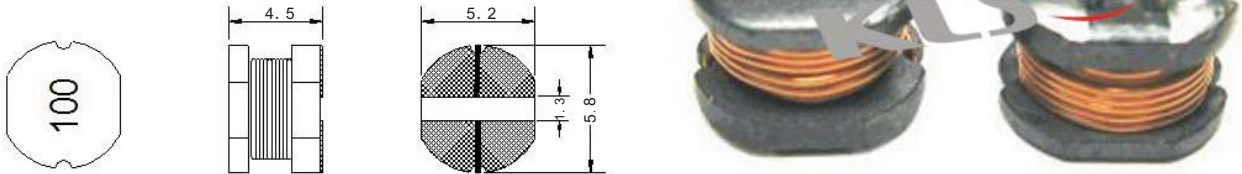


SMD Inductors Series

KLS18-SP54 SMD Inductors Series

Features:

- Low profile
- High-density mounting adoptable
- Leaching resistance to the heat and humidity
- High Saturation current to

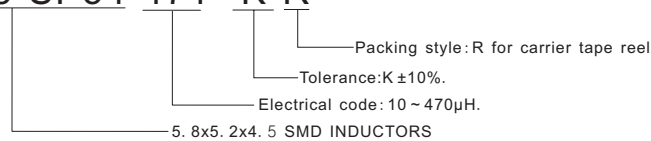


Part NO.	Test Condition	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Rated Current(A) Max
SP54-100K	1KHz/0.25V	10.0	±10	0.100	1.44
SP54-120K	1KHz/0.25V	12.0	±10	0.120	1.40
SP54-150K	1KHz/0.25V	15.0	±10	0.140	1.30
SP54-180K	1KHz/0.25V	18.0	±10	0.150	1.23
SP54-220K	1KHz/0.25V	22.0	±10	0.180	1.11
SP54-270K	1KHz/0.25V	27.0	±10	0.200	0.97
SP54-330K	1KHz/0.25V	33.0	±10	0.230	0.88
SP54-390K	1KHz/0.25V	39.0	±10	0.320	0.80
SP54-470K	1KHz/0.25V	47.0	±10	0.370	0.72
SP54-560K	1KHz/0.25V	56.0	±10	0.420	0.68
SP54-680K	1KHz/0.25V	68.0	±10	0.460	0.61
SP54-820K	1KHz/0.25V	82.0	±10	0.600	0.58
SP54-101K	1KHz/0.25V	100.0	±10	0.700	0.52
SP54-121K	1KHz/0.25V	120.0	±10	0.930	0.48
SP54-151K	1KHz/0.25V	150.0	±10	1.100	0.40
SP54-181K	1KHz/0.25V	180.0	±10	1.300	0.38
SP54-221K	1KHz/0.25V	220.0	±10	1.570	0.35
SP54-271K	1KHz/0.25V	270.0	±10	1.650	0.32
SP54-331K	1KHz/0.25V	330.0	±10	1.800	0.26
SP54-391K	1KHz/0.25V	390.0	±10	2.300	0.23
SP54-471K	1KHz/0.25V	470.0	±10	2.500	0.20

※ Special inquiries besides the above common used types can be meet.

ORDER INFORMATION

Product NO.: KLS18-SP54-471 K-R



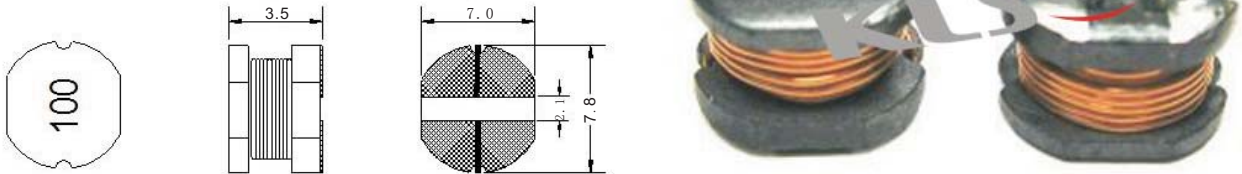


SMD Inductors Series

KLS18-SP73 SMD Inductors Series

Features:

- Low profile
- High-density mounting adoptable
- Leaching resistance to the heat and humidity
- High Saturation current to

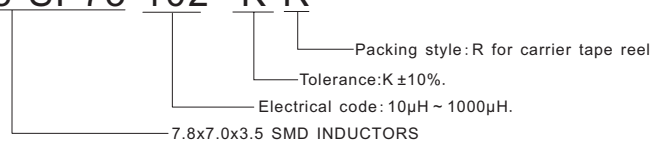


Part NO.	Test Condition	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Rated Current(A) Max
SP73-100K	1KHz/0.25V	10.0	±10	0.080	1.44
SP73-120K	1KHz/0.25V	12.0	±10	0.090	1.33
SP73-150K	1KHz/0.25V	15.0	±10	0.100	1.24
SP73-180K	1KHz/0.25V	18.0	±10	0.110	1.12
SP73-220K	1KHz/0.25V	22.0	±10	0.130	1.07
SP73-270K	1KHz/0.25V	27.0	±10	0.150	0.94
SP73-330K	1KHz/0.25V	33.0	±10	0.170	0.85
SP73-390K	1KHz/0.25V	39.0	±10	0.220	0.74
SP73-470K	1KHz/0.25V	47.0	±10	0.250	0.68
SP73-560K	1KHz/0.25V	56.0	±10	0.280	0.64
SP73-680K	1KHz/0.25V	68.0	±10	0.330	0.59
SP73-820K	1KHz/0.25V	82.0	±10	0.410	0.54
SP73-101K	1KHz/0.25V	100.0	±10	0.480	0.51
SP73-121K	1KHz/0.25V	120.0	±10	0.540	0.49
SP73-151K	1KHz/0.25V	150.0	±10	0.750	0.40
SP73-181K	1KHz/0.25V	180.0	±10	1.020	0.36
SP73-221K	1KHz/0.25V	220.0	±10	1.200	0.31
SP73-271K	1KHz/0.25V	270.0	±10	1.310	0.29
SP73-331K	1KHz/0.25V	330.0	±10	1.500	0.28
SP73-391K	1KHz/0.25V	390.0	±10	1.800	0.26
SP73-471K	1KHz/0.25V	470.0	±10	1.950	0.23
SP73-561K	1KHz/0.25V	560.0	±10	2.300	0.21
SP73-681K	1KHz/0.25V	680.0	±10	2.700	0.13
SP73-821K	1KHz/0.25V	820.0	±10	3.200	0.11
SP73-102K	1KHz/0.25V	1000.0	±10	3.800	0.08

※ Special inquiries besides the above common used types can be meet.

ORDER INFORMATION

Product NO.: KLS18-SP73-102 K-R

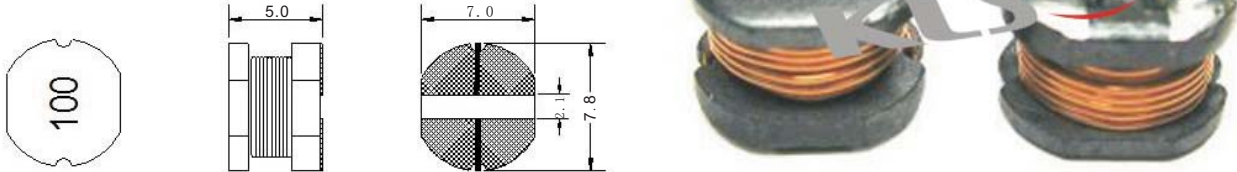


SMD Inductors Series

KLS18-SP75 SMD Inductors Series

Features:

- Low profile
- High-density mounting adoptable
- Leaching resistance to the heat and humidity
- High Saturation current to

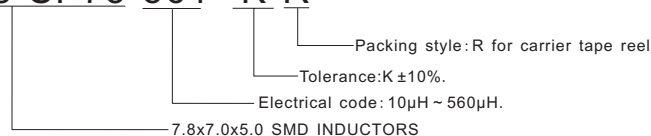


Part NO.	Test Condition	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Rated Current(A) Max
SP75-100K	1KHz/0.25V	10.0	±10	0.070	2.30
SP75-120K	1KHz/0.25V	12.0	±10	0.080	2.00
SP75-150K	1KHz/0.25V	15.0	±10	0.090	1.80
SP75-180K	1KHz/0.25V	18.0	±10	0.100	1.60
SP75-220K	1KHz/0.25V	22.0	±10	0.110	1.50
SP75-270K	1KHz/0.25V	27.0	±10	0.120	1.30
SP75-330K	1KHz/0.25V	33.0	±10	0.130	1.20
SP75-390K	1KHz/0.25V	39.0	±10	0.160	1.10
SP75-470K	1KHz/0.25V	47.0	±10	0.180	1.10
SP75-560K	1KHz/0.25V	56.0	±10	0.240	0.94
SP75-680K	1KHz/0.25V	68.0	±10	0.280	0.85
SP75-820K	1KHz/0.25V	82.0	±10	0.370	0.78
SP75-101K	1KHz/0.25V	100.0	±10	0.430	0.72
SP75-121K	1KHz/0.25V	120.0	±10	0.470	0.66
SP75-151K	1KHz/0.25V	150.0	±10	0.640	0.58
SP75-181K	1KHz/0.25V	180.0	±10	0.710	0.51
SP75-221K	1KHz/0.25V	220.0	±10	0.960	0.49
SP75-271K	1KHz/0.25V	270.0	±10	1.110	0.42
SP75-331K	1KHz/0.25V	330.0	±10	1.260	0.40
SP75-391K	1KHz/0.25V	390.0	±10	1.770	0.36
SP75-471K	1KHz/0.25V	470.0	±10	1.960	0.34
SP75-561K	1KHz/0.25V	560.0	±10	2.000	0.33

※ Special inquiries besides the above common used types can be meet.

ORDER INFORMATION

Product NO.: **KLS18-SP75-561 K-R**



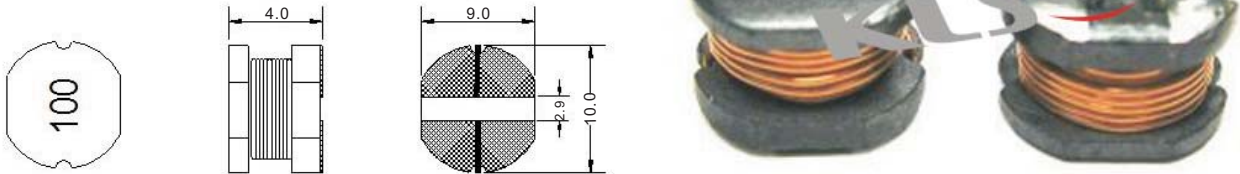


SMD Inductors Series

KLS18-SP104 SMD Inductors Series

Features:

- Low profile
- High-density mounting adoptable
- Leaching resistance to the heat and humidity
- High Saturation current to

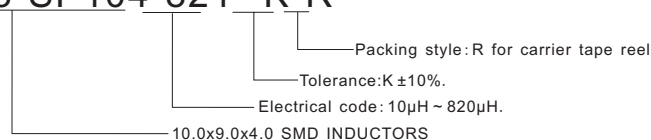


Part NO.	Test Condition	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Rated Current(A) Max
SP104-100K	1KHz/0.25V	10.0	±10	0.050	2.38
SP104-120K	1KHz/0.25V	12.0	±10	0.060	2.13
SP104-150K	1KHz/0.25V	15.0	±10	0.070	1.87
SP104-180K	1KHz/0.25V	18.0	±10	0.080	1.73
SP104-220K	1KHz/0.25V	22.0	±10	0.090	1.60
SP104-270K	1KHz/0.25V	27.0	±10	0.100	1.44
SP104-330K	1KHz/0.25V	33.0	±10	0.120	1.26
SP104-390K	1KHz/0.25V	39.0	±10	0.150	1.20
SP104-470K	1KHz/0.25V	47.0	±10	0.170	1.10
SP104-560K	1KHz/0.25V	56.0	±10	0.200	1.01
SP104-680K	1KHz/0.25V	68.0	±10	0.220	0.91
SP104-820K	1KHz/0.25V	82.0	±10	0.250	0.85
SP104-101K	1KHz/0.25V	100.0	±10	0.340	0.74
SP104-121K	1KHz/0.25V	120.0	±10	0.400	0.69
SP104-151K	1KHz/0.25V	150.0	±10	0.540	0.61
SP104-181K	1KHz/0.25V	180.0	±10	0.620	0.56
SP104-221K	1KHz/0.25V	220.0	±10	0.720	0.53
SP104-271K	1KHz/0.25V	270.0	±10	0.950	0.45
SP104-331K	1KHz/0.25V	330.0	±10	1.100	0.42
SP104-391K	1KHz/0.25V	390.0	±10	1.240	0.38
SP104-471K	1KHz/0.25V	470.0	±10	1.530	0.35
SP104-561K	1KHz/0.25V	560.0	±10	1.900	0.32
SP104-681K	1KHz/0.25V	680.0	±10	2.200	0.31
SP104-821K	1KHz/0.25V	820.0	±10	2.700	0.30

※ Special inquiries besides the above common used types can be meet.

ORDER INFORMATION

Product NO.: KLS18-SP104-821 K-R



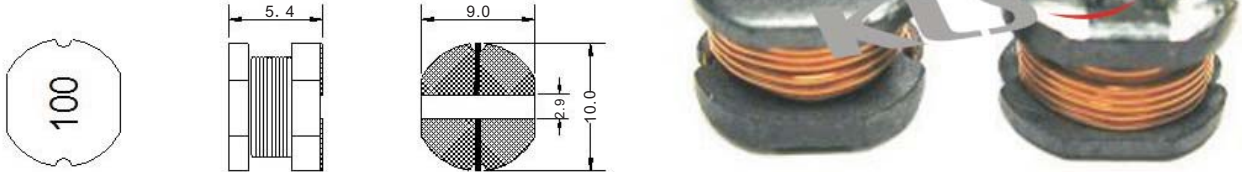


SMD Inductors Series

KLS18-SP105 SMD Inductors Series

Features:

- Low profile
- High-density mounting adoptable
- Leaching resistance to the heat and humidity
- High Saturation current to



Part NO.	Test Condition	Inductance (μH)	Tolerance (%)	DC Resistance (Ω) Max	Rated Current(A) Max
SP53-1R2M	1KHz/0.25V	1.2	±20	0.009	8.63
SP53-2R2M	1KHz/0.25V	2.2	±20	0.016	7.20
SP53-3R3M	1KHz/0.25V	3.3	±20	0.018	6.50
SP53-4R7M	1KHz/0.25V	4.7	±20	0.020	5.50
SP53-6R8M	1KHz/0.25V	6.8	±20	0.040	4.50
SP53-100K	1KHz/0.25V	10.0	±10	0.060	2.60
SP53-120K	1KHz/0.25V	12.0	±10	0.070	2.45
SP53-150K	1KHz/0.25V	15.0	±10	0.080	2.27
SP53-180K	1KHz/0.25V	18.0	±10	0.090	2.15
SP53-220K	1KHz/0.25V	22.0	±10	0.100	1.95
SP53-270K	1KHz/0.25V	27.0	±10	0.110	1.76
SP53-330K	1KHz/0.25V	33.0	±10	0.120	1.50
SP53-390K	1KHz/0.25V	39.0	±10	0.140	1.37
SP53-470K	1KHz/0.25V	47.0	±10	0.170	1.28
SP53-560K	1KHz/0.25V	56.0	±10	0.190	1.17
SP53-680K	1KHz/0.25V	68.0	±10	0.220	1.11
SP53-820K	1KHz/0.25V	82.0	±10	0.250	1.00
SP53-101K	1KHz/0.25V	100.0	±10	0.350	0.97
SP53-121K	1KHz/0.25V	120.0	±10	0.400	0.89
SP53-151K	1KHz/0.25V	150.0	±10	0.470	0.78
SP53-181K	1KHz/0.25V	180.0	±10	0.630	0.72
SP53-221K	1KHz/0.25V	220.0	±10	0.730	0.66
SP53-271K	1KHz/0.25V	270.0	±10	0.970	0.57
SP53-331K	1KHz/0.25V	330.0	±10	1.150	0.52
SP53-391K	1KHz/0.25V	390.0	±10	1.130	0.48
SP53-471K	1KHz/0.25V	470.0	±10	1.480	0.42
SP53-561K	1KHz/0.25V	560.0	±10	1.900	0.33
SP53-681K	1KHz/0.25V	680.0	±10	2.250	0.28
SP53-821K	1KHz/0.25V	820.0	±10	2.550	0.24

※ Special inquiries besides the above common used types can be meet.

ORDER INFORMATION

Product NO.: KLS18-SP105-821 K-R

