

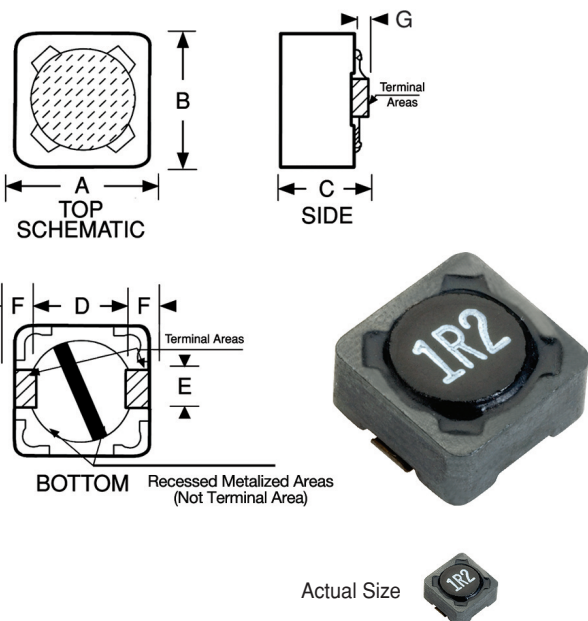
SERIES

**SPD73R
SPD74R**



Shielded Surface Mount Inductors

DASH NUMBER*
INDUCTANCE (μH) ±20%
TEST FREQUENCY (kHz)
DC RESISTANCE MAXIMUM (OHMS)
CURRENT RATING MAXIMUM (A DC)



Physical Parameters

	Inches	Millimeters
A	0.287 ± .020	7.3 ± 0.5
B	0.287 ± .020	7.3 ± 0.5
C	0.185 Max.	4.7 Max. (Series SPD74)
C	0.153 Max.	3.9 Max. (Series SPD73)
D	0.200 ± 0.020	5.0 ± 0.5
E	0.088 ± 0.020	2.2 ± 0.5
F	0.042 ± 0.020	1.0 ± 0.5
G	0.015 Ref. only	0.38 Ref. only

Mechanical Configuration Units designed for surface mounting; ferrite core and ferrite sleeve

Operating temperature range -55°C to +125°C

Application Frequency Range

Values 1.2μH to 10μH to 1.0 MHz Min.
Values above 10μH to 300 kHz Min.

Current Rating at 25°C Ambient The maximum DC current that will cause a 40°C maximum temperature rise and where the inductance will not decrease by more than 10% from its zero DC value

Marking For values lower than 10 μH the R indicates a decimal point and the remaining digits indicate the inductance in μH. For values 10 μH and above, the first two digits indicate the inductance in μH and the third digit indicates the number of trailing zeros where a zero indicates that there are no trailing zeros.

Example: SPD73R-122M (1.2 μH)
1R2

Example: SPD74R-105M (1,000 μH)
102

Packaging Tape & reel (16mm):

13" reel, 1000 pieces max.; 7" reel not available

Note: No vias and traces in restricted area.

SERIES SPD73R FERRITE CORE & SLEEVE				
-122M	1.2	100	0.020	3.40
-242M	2.4	100	0.032	2.69
-352M	3.5	100	0.035	2.60
-472M	4.7	100	0.050	2.15
-682M	6.8	100	0.065	1.90
-103M	10	100	0.067	1.90
-123M	12	1.0	0.080	1.70
-153M	15	1.0	0.091	1.59
-183M	18	1.0	0.14	1.28
-223M	22	1.0	0.19	1.10
-273M	27	1.0	0.21	1.05
-333M	33	1.0	0.24	0.981
-393M	39	1.0	0.32	0.850
-473M	47	1.0	0.36	0.801
-563M	56	1.0	0.47	0.701
-683M	68	1.0	0.52	0.667
-823M	82	1.0	0.69	0.579
-104M	100	1.0	0.79	0.541
-124M	120	1.0	0.84	0.524
-154M	150	1.0	0.89	0.510
-184M	180	1.0	1.45	0.399
-224M	220	1.0	1.65	0.374
-274M	270	1.0	2.31	0.316
-334M	330	1.0	2.62	0.297
-394M	390	1.0	2.94	0.280
-474M	470	1.0	4.18	0.235
-564M	560	1.0	4.67	0.222
-684M	680	1.0	5.73	0.201
-824M	820	1.0	6.54	0.188
-105M	1000	1.0	9.44	0.156
SERIES SPD74R FERRITE CORE & SLEEVE				
-122M	1.2	100	0.025	4.40
-242M	2.4	100	0.03	4.00
-352M	3.5	100	0.034	3.70
-472M	4.7	100	0.038	3.50
-682M	6.8	100	0.042	3.40
-103M	10	100	0.049	2.50
-123M	12	1.0	0.058	2.40
-153M	15	1.0	0.081	2.30
-183M	18	1.0	0.091	2.15
-223M	22	1.0	0.11	2.00
-273M	27	1.0	0.15	1.70
-333M	33	1.0	0.17	1.50
-393M	39	1.0	0.23	1.35
-473M	47	1.0	0.26	1.30
-563M	56	1.0	0.35	1.10
-683M	68	1.0	0.38	1.05
-823M	82	1.0	0.43	1.00
-104M	100	1.0	0.61	0.86
-124M	120	1.0	0.66	0.84
-154M	150	1.0	0.88	0.70
-184M	180	1.0	0.98	0.68
-224M	220	1.0	1.17	0.60
-274M	270	1.0	1.64	0.53
-334M	330	1.0	1.86	0.50
-394M	390	1.0	2.85	0.40
-474M	470	1.0	3.01	0.39
-564M	560	1.0	3.62	0.36
-684M	680	1.0	4.63	0.32
-824M	820	1.0	5.2	0.30
-105M	1000	1.0	6.0	0.28

*Complete part # must include series # PLUS the dash #