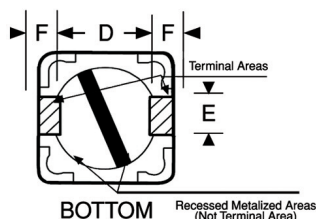
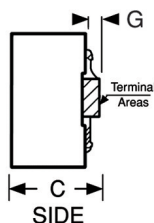
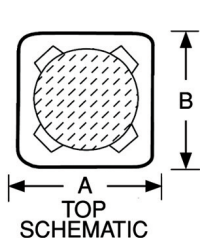


SERIES**SPD73R & SPD74R
SPD73 & SPD74**RoHS
CompliantTraditional
First Quality**Shielded Surface Mount Inductors**

DASH NUMBER*

INDUCTANCE (μ H) $\pm 20\%$

TEST FREQUENCY (kHz)

DC RESISTANCE
MAXIMUM (OHMS)CURRENT RATING
MAXIMUM (A DC)

Actual Size

**Physical Parameters**

	Inches	Millimeters
A	0.287 $\pm$.020	7.3 $\pm$ 0.5
B	0.287 $\pm$.020	7.3 $\pm$ 0.5
C	0.185 Max.	4.7 Max. (Series SPD74)
C	0.153 Max.	3.9 Max. (Series SPD73)
D	0.200 $\pm$ 0.020	5.0 $\pm$ 0.5
E	0.088 $\pm$ 0.020	2.2 $\pm$ 0.5
F	0.042 $\pm$ 0.020	1.0 $\pm$ 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 $+125^{\circ}\text{C}$

Application Frequency Range

Values 1.2 μ H to 10 μ H to 1.0 MHz Min.

Values above 10 μ H to 300 kHz Min.

Current Rating at 25 $^{\circ}\text{C}$ Ambient The maximum DC current that will cause a 40 $^{\circ}\text{C}$ 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 H the R indicates a decimal point and the remaining digits indicate the inductance in H. For values 10 H and above, the first two digits indicate the inductance in H 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 H)

1R2

Example: SPD74R-105M (1,000 H)

102

Packaging Tape & reel (16mm):

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

SERIES SPD73 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 SPD74 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 #

For surface finish information, refer to www.delevanfinishes.com

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

API Delevan:

[SPD73-154MTR](#) [SPD73R-154MTR](#) [SPD74-123MTR](#) [SPD74-223MTR](#) [SPD74R-223MTR](#) [SPD73R-122MTR](#)
[SPD73R-472MTR](#) [SPD73-122M](#) [SPD73-242M](#) [SPD73-352M](#) [SPD73-472M](#) [SPD73-682M](#) [SPD73-103M](#) [SPD73-123M](#) [SPD73-153M](#) [SPD73-183M](#) [SPD73-223M](#) [SPD73-273M](#) [SPD73-333M](#) [SPD73-393M](#) [SPD73-473M](#) [SPD73-563M](#) [SPD73-683M](#) [SPD73-823M](#) [SPD73-104M](#) [SPD73-124M](#) [SPD73-154M](#) [SPD73-184M](#) [SPD73-224M](#) [SPD73-274M](#) [SPD73-334M](#) [SPD73-394M](#) [SPD73-474M](#) [SPD73-564M](#) [SPD73-684M](#) [SPD73-824M](#) [SPD73-105M](#)
[SPD73R-122M](#) [SPD73R-242M](#) [SPD73R-352M](#) [SPD73R-472M](#) [SPD73R-682M](#) [SPD73R-103M](#) [SPD73R-123M](#) [SPD73R-153M](#) [SPD73R-183M](#) [SPD73R-223M](#) [SPD73R-273M](#) [SPD73R-333M](#) [SPD73R-393M](#) [SPD73R-473M](#) [SPD73R-563M](#) [SPD73R-683M](#) [SPD73R-823M](#) [SPD73R-104M](#) [SPD73R-124M](#) [SPD73R-154M](#) [SPD73R-184M](#) [SPD73R-224M](#) [SPD73R-274M](#) [SPD73R-334M](#) [SPD73R-394M](#) [SPD73R-474M](#) [SPD73R-564M](#) [SPD73R-684M](#) [SPD73R-824M](#) [SPD74-122M](#) [SPD74-242M](#) [SPD74-352M](#) [SPD74-472M](#) [SPD74-682M](#) [SPD74-103M](#) [SPD74-123M](#) [SPD74-153M](#) [SPD74-183M](#) [SPD74-223M](#) [SPD74-273M](#) [SPD74-333M](#) [SPD74-393M](#) [SPD74-473M](#) [SPD74-563M](#) [SPD74-683M](#) [SPD74-823M](#) [SPD74-104M](#) [SPD74-124M](#) [SPD74-154M](#) [SPD74-184M](#) [SPD74-224M](#) [SPD74-274M](#) [SPD74-334M](#) [SPD74-394M](#) [SPD74-474M](#) [SPD74-564M](#) [SPD74-684M](#) [SPD74-824M](#) [SPD74-105M](#) [SPD74R-122M](#) [SPD74R-242M](#) [SPD74R-352M](#) [SPD74R-472M](#)