

**SERIES**

**SPD73R & SPD74R  
SPD73 & SPD74**

RoHS  
Compliant

Traditional  
First Quality

DASH NUMBER\*

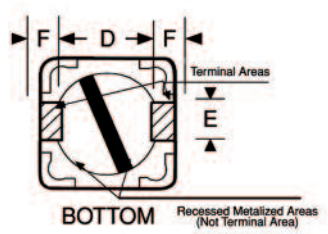
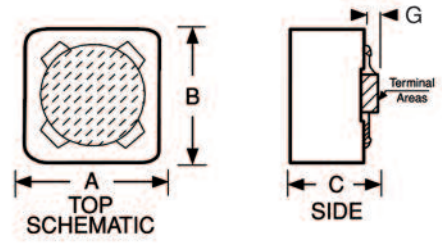
INDUCTANCE (μH) ±20%

TEST FREQUENCY (kHz)

DC RESISTANCE  
MAXIMUM (OHMS)

CURRENT RATING  
TYPICAL (AMPS)

**Shielded Surface Mount Inductors**



Actual Size

**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 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 | 0.02  | 5.30 |
| -242M | 2.4  | 100 | 0.032 | 4.50 |
| -352M | 3.5  | 100 | 0.035 | 4.00 |
| -472M | 4.7  | 100 | 0.050 | 3.50 |
| -682M | 6.8  | 100 | 0.065 | 3.00 |
| -103M | 10   | 100 | 0.067 | 2.50 |
| -123M | 12   | 1.0 | 0.080 | 2.25 |
| -153M | 15   | 1.0 | 0.091 | 2.00 |
| -183M | 18   | 1.0 | 0.14  | 1.80 |
| -223M | 22   | 1.0 | 0.19  | 1.75 |
| -273M | 27   | 1.0 | 0.21  | 1.60 |
| -333M | 33   | 1.0 | 0.24  | 1.35 |
| -393M | 39   | 1.0 | 0.32  | 1.25 |
| -473M | 47   | 1.0 | 0.36  | 1.16 |
| -563M | 56   | 1.0 | 0.47  | 1.10 |
| -683M | 68   | 1.0 | 0.52  | 1.05 |
| -823M | 82   | 1.0 | 0.69  | 0.95 |
| -104M | 100  | 1.0 | 0.79  | 0.85 |
| -124M | 120  | 1.0 | 0.84  | 0.80 |
| -154M | 150  | 1.0 | 0.89  | 0.70 |
| -184M | 180  | 1.0 | 1.45  | 0.62 |
| -224M | 220  | 1.0 | 1.65  | 0.57 |
| -274M | 270  | 1.0 | 2.31  | 0.52 |
| -334M | 330  | 1.0 | 2.62  | 0.50 |
| -394M | 390  | 1.0 | 2.94  | 0.48 |
| -474M | 470  | 1.0 | 4.18  | 0.38 |
| -564M | 560  | 1.0 | 4.67  | 0.35 |
| -684M | 680  | 1.0 | 5.73  | 0.31 |
| -824M | 820  | 1.0 | 6.54  | 0.30 |
| -105M | 1000 | 1.0 | 9.44  | 0.26 |

**SERIES SPD74 FERRITE CORE & SLEEVE**

|       |      |     |       |      |
|-------|------|-----|-------|------|
| -122M | 1.2  | 100 | 0.025 | 8.0  |
| -242M | 2.4  | 100 | 0.03  | 5.50 |
| -352M | 3.5  | 100 | 0.034 | 5.0  |
| -472M | 4.7  | 100 | 0.038 | 3.70 |
| -682M | 6.8  | 100 | 0.042 | 3.50 |
| -103M | 10   | 100 | 0.049 | 2.50 |
| -123M | 12   | 1.0 | 0.038 | 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  | 1.20 |
| -683M | 68   | 1.0 | 0.38  | 1.10 |
| -823M | 82   | 1.0 | 0.43  | 1.04 |
| -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  | 0.55 |
| -334M | 330  | 1.0 | 1.86  | 0.50 |
| -394M | 390  | 1.0 | 2.85  | 0.45 |
| -474M | 470  | 1.0 | 3.01  | 0.40 |
| -564M | 560  | 1.0 | 3.62  | 0.37 |
| -684M | 680  | 1.0 | 4.63  | 0.34 |
| -824M | 820  | 1.0 | 5.2   | 0.31 |
| -105M | 1000 | 1.0 | 6.0   | 0.26 |

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

For surface finish information, refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)