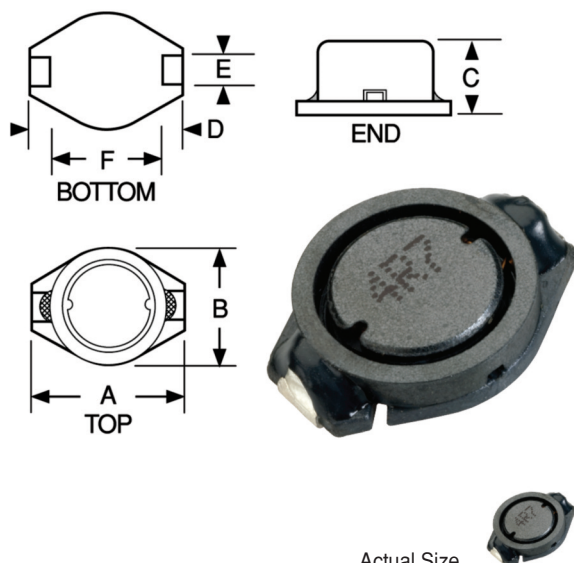


**SERIES****SDS130R**RoHS  
Compliant**Surface Mount Shielded Power Choke****Physical Parameters**

|   | Inches       | Millimeters |
|---|--------------|-------------|
| A | 0.500 ±0.008 | 12.7 ±0.2   |
| B | 0.398 ±0.008 | 10.1 ±0.2   |
| C | 0.118 Max.   | 3.0 Max.    |
| D | 0.094 ±0.008 | 2.4 ±0.2    |
| E | 0.087 ±0.008 | 2.2 ±0.2    |
| F | 0.303 ±0.015 | 7.7 ±0.4    |
| G | 0.287 Ref.   | 7.3 Ref.    |
| H | 0.118 Ref.   | 3.0 Ref.    |
| I | 0.110 Ref.   | 2.8 Ref.    |

**Current rating at 25°C Ambient**

40°C Max. Rise

**Operating Temperature Range**

-40°C to +85°C

**Weight Maximum**

0.85 grams

**Marking** For values lower than 10  $\mu\text{H}$  the R indicates a decimal point and the remaining digits indicate the inductance in  $\mu\text{H}$ . For values 10  $\mu\text{H}$  and above, the first two digits indicate the inductance in  $\mu\text{H}$  and the third digit indicates the number of trailing zeros where a zero indicates that there are no trailing zeros.

Example: SDS130R-222N (2.2  $\mu\text{H}$ )

2R2

Example: SDS130R-473M (47  $\mu\text{H}$ )

470

**Packaging**

Tape &amp; Reel (24mm): 13" reel

1000 pieces max.

DASH NUMBER\*  
INDUCTANCE ( $\mu\text{H}$ )  
TOLERANCE  
TEST FREQUENCY (MHz)  
DC RESISTANCE  
MAXIMUM (OHMS)  
CURRENT RATING  
MAXIMUM (mA)

**SERIES SDS130 FERRITE CORE & SLEEVE**

|       |     |      |     |       |      |
|-------|-----|------|-----|-------|------|
| -222N | 2.2 | ±30% | 100 | 0.045 | 3500 |
| -302N | 3.0 | ±30% | 100 | 0.062 | 3000 |
| -392N | 3.9 | ±30% | 100 | 0.070 | 2800 |
| -472N | 4.7 | ±30% | 100 | 0.078 | 2500 |
| -682N | 6.8 | ±30% | 100 | 0.100 | 2200 |
| -103M | 10  | ±20% | 1   | 0.145 | 2000 |
| -123M | 12  | ±20% | 1   | 0.185 | 1750 |
| -153M | 15  | ±20% | 1   | 0.20  | 1500 |
| -183M | 18  | ±20% | 1   | 0.27  | 1400 |
| -223M | 22  | ±20% | 1   | 0.30  | 1300 |
| -273M | 27  | ±20% | 1   | 0.40  | 1200 |
| -333M | 33  | ±20% | 1   | 0.45  | 1100 |
| -393M | 39  | ±20% | 1   | 0.56  | 950  |
| -473M | 47  | ±20% | 1   | 0.65  | 800  |
| -563M | 56  | ±20% | 1   | 0.68  | 750  |
| -683M | 68  | ±20% | 1   | 0.80  | 700  |
| -823M | 82  | ±20% | 1   | 1.20  | 650  |
| -104M | 100 | ±20% | 1   | 1.40  | 600  |
| -124M | 120 | ±20% | 1   | 1.52  | 550  |
| -154M | 150 | ±20% | 1   | 1.80  | 500  |
| -184M | 180 | ±20% | 1   | 2.20  | 450  |
| -224M | 220 | ±20% | 1   | 2.70  | 400  |
| -274M | 270 | ±20% | 1   | 3.10  | 350  |
| -334M | 330 | ±20% | 1   | 3.60  | 300  |
| -394M | 390 | ±20% | 1   | 4.60  | 250  |
| -474M | 470 | ±20% | 1   | 5.10  | 200  |

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

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