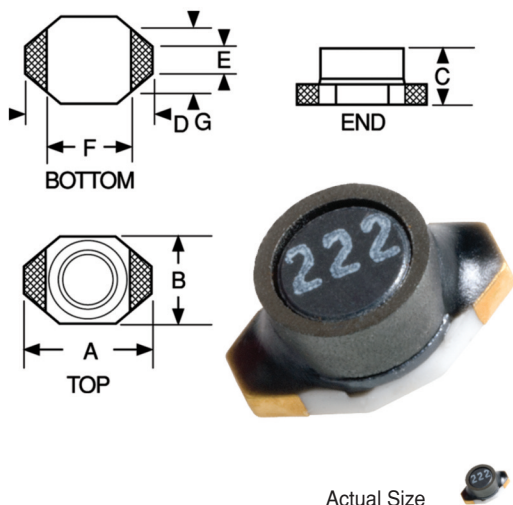


**SERIES****SDS680R**RoHS  
Compliant**Surface Mount Shielded Power Choke****Physical Parameters**

|   | Inches       | Millimeters |
|---|--------------|-------------|
| A | 0.260 Max.   | 6.60 Max.   |
| B | 0.175 Max.   | 4.45 Max.   |
| C | 0.115 Max.   | 2.92 Max.   |
| D | 0.040 ±0.010 | 1.02 ±0.25  |
| E | 0.050 Max.   | 1.27 Max.   |
| F | 0.170 ±0.015 | 4.32 ±0.38  |
| G | 0.120 Ref.   | 3.05 Ref.   |
| H | 0.055 Ref.   | 1.40 Ref.   |
| I | 0.140 Ref.   | 3.56 Ref.   |
| J | 0.160 Ref.   | 4.06 Ref.   |

**Current rating at 25°C Ambient**

40°C Max. Rise

**Operating Temperature Range**

-40°C to +85°C

**Weight Maximum**

0.20 grams

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

Example: SDS680R-102M (1.0  $\mu$ H)

1R0

Example: SDS680R-106M (10,000  $\mu$ H)

103

**Packaging**

Tape & Reel (16mm): 13" reel  
2000 pieces max.

DASH NUMBER\*

INDUCTANCE ( $\mu$ H)  
C 100 KHz

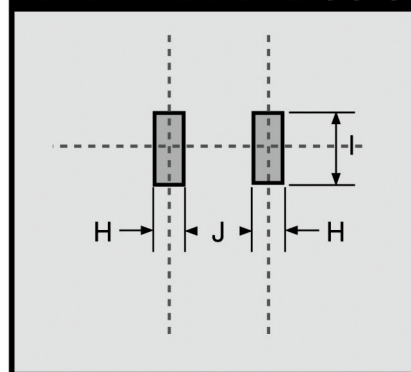
TOLERANCE

SRF (MHz) REF. ONLY

DC RESISTANCE  
MAXIMUM (OHMS)CURRENT RATING  
MAXIMUM (mA)**SERIES SDS680 FERRITE CORE & SLEEVE**

|       |       |      |     |       |      |
|-------|-------|------|-----|-------|------|
| -102M | 1.0   | ±20% | 250 | 0.040 | 3000 |
| -152M | 1.5   | ±20% | 125 | 0.045 | 2800 |
| -222M | 2.2   | ±20% | 120 | 0.050 | 1800 |
| -332M | 3.3   | ±20% | 120 | 0.055 | 1600 |
| -472M | 4.7   | ±20% | 105 | 0.060 | 1400 |
| -682M | 6.8   | ±20% | 50  | 0.065 | 1200 |
| -103M | 10    | ±20% | 38  | 0.075 | 1000 |
| -153M | 15    | ±20% | 33  | 0.090 | 800  |
| -223M | 22    | ±20% | 25  | 0.110 | 700  |
| -333M | 33    | ±20% | 20  | 0.190 | 600  |
| -473M | 47    | ±20% | 20  | 0.230 | 500  |
| -683M | 68    | ±20% | 15  | 0.290 | 400  |
| -104M | 100   | ±20% | 10  | 0.480 | 300  |
| -154M | 150   | ±20% | 9   | 0.590 | 260  |
| -224M | 220   | ±20% | 6   | 0.770 | 220  |
| -334M | 330   | ±20% | 5   | 1.40  | 200  |
| -474M | 470   | ±20% | 4   | 1.80  | 190  |
| -684M | 680   | ±20% | 3   | 2.20  | 180  |
| -105M | 1000  | ±20% | 2   | 3.40  | 150  |
| -155M | 1500  | ±20% | 2   | 4.20  | 120  |
| -225M | 2200  | ±20% | 2   | 8.50  | 100  |
| -335M | 3300  | ±20% | 1   | 11.0  | 80   |
| -475M | 4700  | ±20% | 1   | 13.9  | 60   |
| -685M | 6800  | ±20% | 1   | 25.0  | 40   |
| -106M | 10000 | ±20% | 0.8 | 32.8  | 20   |

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

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

# AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

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Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd  
Minhang District, Shanghai , China

➤ Sales :

Direct    +86 (21) 6401-6692  
Email     amall@ameya360.com  
QQ        800077892  
Skype     ameyasales1 ameyasales2

➤ Customer Service :

Email     service@ameya360.com

➤ Partnership :

Tel        +86 (21) 64016692-8333  
Email     mkt@ameya360.com