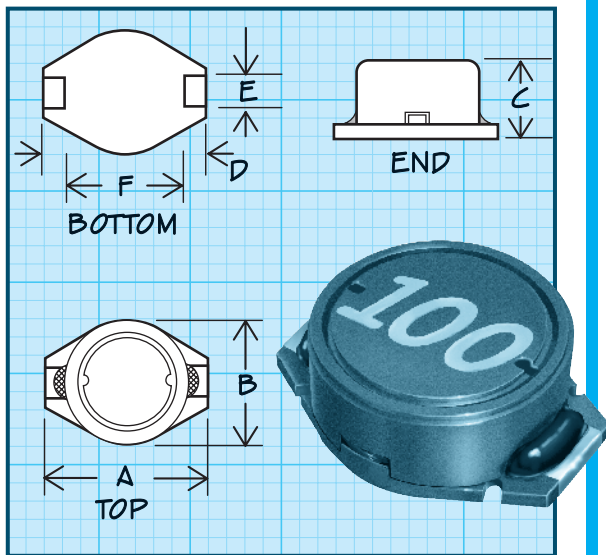


# Series SDS130R



## 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

### Core Material:

Ferrite

### Weight Maximum:

0.85 grams

### Packaging:

Tape & Reel (24 mm): 13" reel  
1000 pieces max.

DASH NUMBER\*

INDUCTANCE (µH)

TOLERANCE

TEST FREQUENCY (MHz)

DC RESISTANCE  
MAXIMUM (OHMS)

CURRENT RATING  
MAXIMUM (MA)

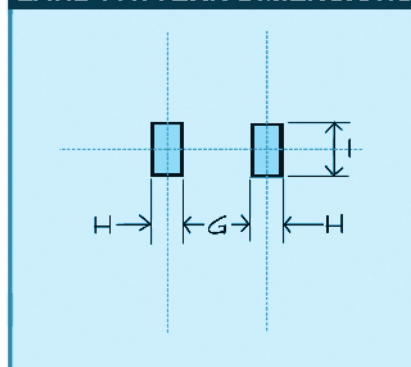
### SERIES SDS130

-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 further surface finish information,  
refer to TECHNICAL section of this catalog.

### LAND PATTERN DIMENSIONS



POWER INDUCTORS