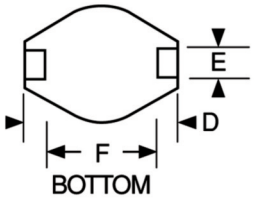
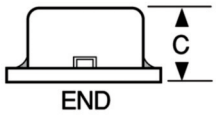
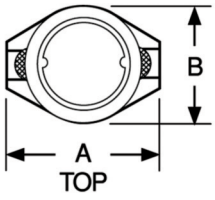
SERIES SDS130R

RoHS Compliant

Surface Mount Shielded Power Choke







Actual Size

DASH NUMBER*	INDUCTANCE (µH)	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

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

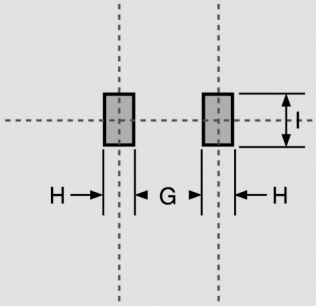
Marking For values lower than 10 µH the R indicates a decimal point and the remaining digits indicate the inductance in µH. For values 10 µH and above, the first two digits indicate the inductance in µH and the third digit indicates the number of trailing zeros where a zero indicates that there are no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

Example: SDS130R-222N (2.2 µH)
2R2

Example: SDS130R-473M (47 µH)
470

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

LAND PATTERN DIMENSIONS



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