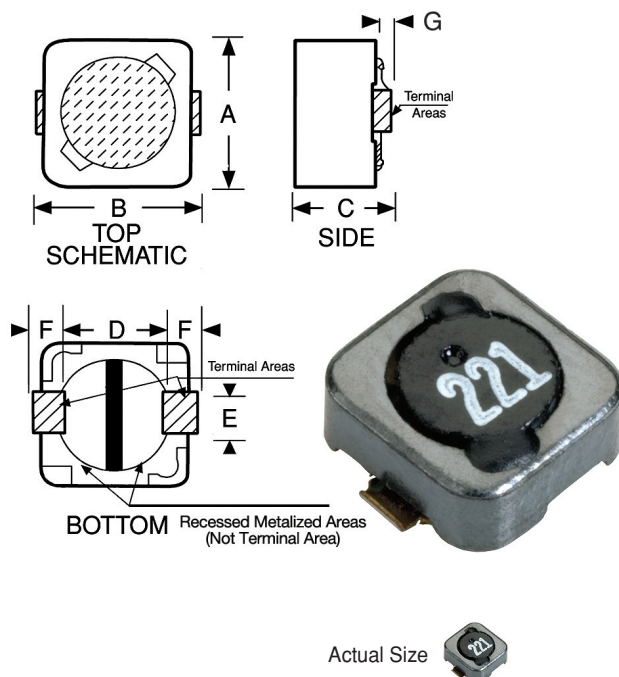


SERIES**SPD62R**RoHS
Compliant**Shielded Surface Mount Inductors**

DASH NUMBER*

INDUCTANCE (μH) $\pm 20\%$

TEST FREQUENCY (kHz)

DC RESISTANCE MAXIMUM (OHMS)

CURRENT RATING TYPICAL (AMPS)

SERIES SPD62 FERRITE CORE & SLEEVE

-122M	1.2	100	0.08	3.50
-242M	2.4	100	0.10	2.80
-352M	3.5	100	0.12	2.50
-472M	4.7	100	0.15	2.00
-682M	6.8	100	0.17	1.80
-103M	10	100	0.18	1.40
-123M	12	100	0.20	1.30
-153M	15	1.0	0.30	1.20
-183M	18	1.0	0.35	1.10
-223M	22	1.0	0.40	1.00
-273M	27	1.0	0.45	0.94
-333M	33	1.0	0.50	0.82
-393M	39	1.0	0.70	0.78
-473M	47	1.0	0.75	0.70
-563M	56	1.0	0.85	0.68
-683M	68	1.0	1.20	0.56
-823M	82	1.0	1.45	0.50
-104M	100	1.0	1.60	0.41
-124M	120	1.0	1.70	0.39
-154M	150	1.0	1.80	0.37
-184M	180	1.0	2.10	0.35
-224M	220	1.0	2.20	0.32
-274M	270	1.0	3.00	0.29
-334M	330	1.0	3.30	0.22

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

Physical Parameters

	Inches	Millimeters
A	0.244 ± 0.012	6.2 ± 0.3
B	$0.260 \pm .012$	6.6 ± 0.3
C	0.118 Max.	3.0 Max.
D	0.181 Ref. only	4.60 Ref. only
E	0.059 ± 0.007	1.5 ± 0.2
F	0.050 ± 0.007	1.27 ± 0.2
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 $+125^{\circ}\text{C}$

Application Frequency Range

Values $1.2\mu\text{H}$ to $12\mu\text{H}$ to 1.0 MHz Min.
Values above $12\mu\text{H}$ 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

Packaging Tape & reel (16mm):
13" reel, 1500 pieces max.; 7" reel not available

Note: No vias and traces in restricted area.

Marking For values lower than $10\mu\text{H}$ the R indicates a decimal point and the remaining digits indicate the inductance in μH . For values $10\mu\text{H}$ 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: SPD62R-122M ($1.2\mu\text{H}$)
1R2

Example: SPD62R-334M ($330\mu\text{H}$)
331

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

API Delevan:

[SPD62R-154MTR](#) [SPD62R-682MTR](#) [SPD62-472M](#) [SPD62-103M](#) [SPD62R-122M](#) [SPD62R-242M](#) [SPD62R-352M](#)
[SPD62R-472M](#) [SPD62R-682M](#) [SPD62R-103M](#) [SPD62R-123M](#) [SPD62R-153M](#) [SPD62R-183M](#) [SPD62R-223M](#)
[SPD62R-273M](#) [SPD62R-333M](#) [SPD62R-393M](#) [SPD62R-473M](#) [SPD62R-563M](#) [SPD62R-683M](#) [SPD62R-823M](#)
[SPD62R-104M](#) [SPD62R-124M](#) [SPD62R-154M](#) [SPD62R-184M](#) [SPD62R-224M](#) [SPD62R-274M](#) [SPD62R-334M](#)
[SPD62R-683MTR](#) [SPD62-122M](#) [SPD62-242M](#) [SPD62-352M](#) [SPD62-682M](#) [SPD62-123M](#) [SPD62-153M](#) [SPD62-](#)
[183M](#) [SPD62-223M](#) [SPD62-273M](#) [SPD62-333M](#) [SPD62-393M](#) [SPD62-473M](#) [SPD62-563M](#) [SPD62-683M](#) [SPD62-](#)
[823M](#) [SPD62-104M](#) [SPD62-124M](#) [SPD62-154M](#) [SPD62-184M](#) [SPD62-224M](#) [SPD62-274M](#) [SPD62-334M](#) [SPD62-](#)
[154MTR](#) [SPD62-683MTR](#) [SPD62-563MTR](#)