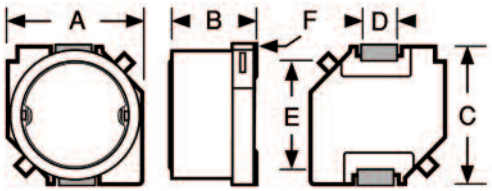


SERIES **3483R**
S3483R

Surface Mount Power Inductors



Actual Size



Physical Parameters

	Inches	Millimeters
A	0.276 to 0.299	7.0 to 7.6
B	0.114 to 0.138	2.9 to 3.5
C	0.276 to 0.299	7.0 to 7.6
D	0.067 to 0.091	1.7 to 2.3
E	0.201 to 0.224	5.1 to 5.7
F	0.033 Nom.	0.85 Nom.

F = Electrode Thickness

Current Rating

The DC where inductance value decreases 10% or where the temperature rise is 40°C max.

Operating Temperature Range -20°C to +80°C

Marking Printed with the last three numbers of the Delevan Part Number (i.e. 101)

Electrical Characteristics (Initial) @ 25°C

Marking Components are marked with three characters. In the instance of two digits and a letter R, the R indicates a decimal point and the remaining digits indicates the inductance in H. When three digits are present, the first two digits indicate the inductance in H and the third digit indicates the number of trailing zeros where a zero indicates that there are no trailing zeros.

Example: 3483R-1R5M (1.5 H)

1R5

Example: S3483R-101M (100 H)

101

Packaging Tape and Reel

(16mm): 13" reel, 1000 pieces max.; 7" reel not available.

DASH NUMBER*	INDUCTANCE (μH) ±20% @ 100 KHz	DC RESISTANCE MAXIMUM (OHMS)	CURRENT RATING MAXIMUM (Amps)
SERIES 3483 - UNSHIELDED FERRITE CORE			
-1R0M	1.0	0.022	2.88
-1R5M	1.5	0.026	2.67
-2R2M	2.2	0.032	2.40
-3R3M	3.3	0.041	2.08
-4R7M	4.7	0.049	1.92
-6R8M	6.8	0.067	1.60
-100M	10.0	0.085	1.41
-120M	12.0	0.100	1.28
-150M	15.0	0.130	1.12
-180M	18.0	0.160	1.00
-220M	22.0	0.180	0.93
-270M	27.0	0.240	0.80
-330M	33.0	0.290	0.72
-390M	39.0	0.340	0.66
-470M	47.0	0.410	0.59
-560M	56.0	0.480	0.55
-680M	68.0	0.600	0.49
-820M	82.0	0.710	0.44
-101M	100.0	0.950	0.38
SERIES S3483 - SHIELDED FERRITE CORE & SLEEVE			
-1R0M	1.0	0.019	3.12
-1R5M	1.5	0.023	2.85
-2R2M	2.2	0.028	2.66
-3R3M	3.3	0.035	2.26
-4R7M	4.7	0.043	1.96
-6R8M	6.8	0.055	1.76
-100M	10.0	0.080	1.34
-120M	12.0	0.090	1.23
-150M	15.0	0.120	1.09
-180M	18.0	0.130	0.99
-220M	22.0	0.150	0.90
-270M	27.0	0.210	0.81
-330M	33.0	0.250	0.72
-390M	39.0	0.310	0.67
-470M	47.0	0.350	0.60
-560M	56.0	0.430	0.55
-680M	68.0	0.520	0.50
-820M	82.0	0.600	0.46
-101M	100.0	0.790	0.41

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

Mouser Electronics

Authorized Distributor

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<u>3483R-1R0M</u>	<u>3483R-1R5M</u>	<u>3483R-2R2M</u>	<u>3483R-3R3M</u>	<u>3483R-4R7M</u>	<u>3483R-6R8M</u>	<u>3483R-100M</u>	<u>3483R-120M</u>
<u>3483R-150M</u>	<u>3483R-180M</u>	<u>3483R-220M</u>	<u>3483R-270M</u>	<u>3483R-330M</u>	<u>3483R-390M</u>	<u>3483R-470M</u>	<u>3483R-560M</u>
<u>3483R-680M</u>	<u>3483R-820M</u>	<u>3483R-101M</u>	<u>3483R-271M</u>	<u>3483R-391M</u>	<u>3483R-821M</u>	<u>3483R-121M</u>	<u>3483R-681M</u>
<u>3483R-151M</u>	<u>3483R-1R8M</u>	<u>3483R-221M</u>	<u>3483R-471M</u>	<u>3483R-331M</u>	<u>3483R-102M</u>	<u>3483R-561M</u>	<u>3483R-181M</u>