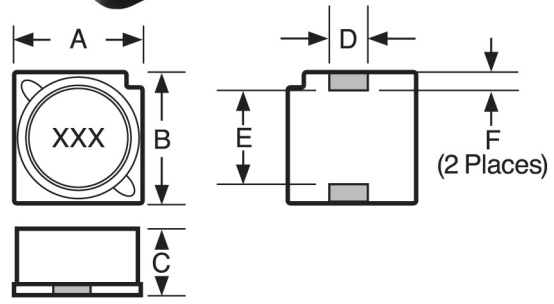


**SERIES**

**S3483R**



**Shielded Surface Mount Power Inductors**



**Physical Parameters**

	Inches	Millimeters
A	0.276 to 0.283	7.00 to 7.20
B	0.276 to 0.283	7.00 to 7.20
C	0.114 to 0.138	2.90 to 3.50
D	0.067 to 0.091	1.70 to 2.30
E	0.201 to 0.224	5.10 to 5.70
F	0.035 Nominal	0.89 Nominal

**Operating Temperature Range** -20°C to +85°C

**Inductance:** Measured with no DC current at 100 kHz

**Current Rating at +25° Ambient**

40°C temperature rise maximum.  
DC that will decrease the inductance by 10% maximum.

**Final Termination Finish** 100% Matte Tin (Sn)

**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 uH. When three digits are present, the first two digits indicate the inductance in uH and the third digit indicates the number of trailing zeros where a zero indicates that there are no trailing zeros.

Example: S3483R-101M (100 H)  
101

**Packaging** Tape and Reel

(12mm): 13" reel, 1000 pieces max.; 7" reel not available.

DASH NUMBER\*  
INDUCTANCE (µH)  
±20% @ 100 kHz  
DC RESISTANCE  
MAXIMUM (OHMS)  
CURRENT RATING  
MAXIMUM (mA DC)

SERIES S3483R - SHIELDED FERRITE CORE & SLEEVE			
1R0M	1.0	0.019	3.12
1R5M	1.5	0.023	3.00
2R2M	2.2	0.025	2.10
3R3M	3.3	0.028	1.90
4R7M	4.7	0.044	1.70
6R8M	6.8	0.050	1.60
100M	10.0	0.064	1.40
120M	12.0	0.080	1.25
150M	15.0	0.090	1.10
180M	18.0	0.120	1.00
220M	22.0	0.132	0.96
270M	27.0	0.175	0.84
330M	33.0	0.192	0.75
390M	39.0	0.250	0.70
470M	47.0	0.288	0.67
560M	56.0	0.340	0.62
680M	68.0	0.372	0.59
820M	82.0	0.480	0.50
101M	100.0	0.540	0.45
151M	150.0	0.780	0.37
221M	220.0	1.260	0.29
331M	330.0	2.010	0.22
471M	470.0	2.460	0.20
681M	680.0	3.780	0.16
102M	1000.0	5.740	0.13

\*Complete part # must include series # PLUS the dash #  
For surface finish information, refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)