



**MSR  
Electronics**



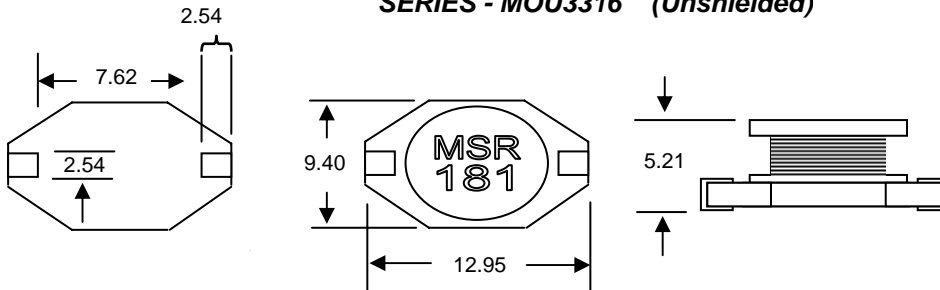
**RoHS**

Compliant: Contact  
Factory for Copy of  
Test Report



## SMD POWER INDUCTORS

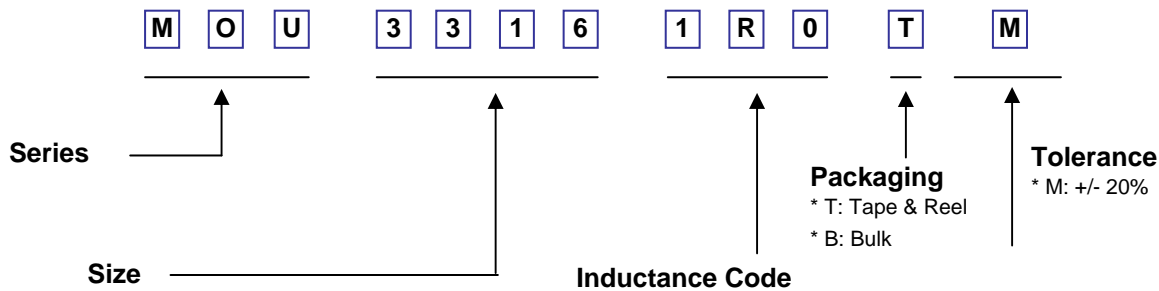
**SERIES - MOU3316 (Unshielded)**



### FEATURES:

- Storage Temp: -45 to +85 \*C
- Operating Temp: -40 to +85 \*C
- Inductance @ Saturation: 10% loss
- Temp: 30 \*C rise is typical at  
I rms
- Dimensions (mm) Max

### PART NUMBER SYSTEM



Part Number	Inductance (uH) 100 KHz 0.1 Vrms	DC Resistance (Ohms max)	SRF (MHz) ref only	I rms (Amps)	I sat (Amps)
MOU-3316-1R0TM	1.000	0.009	150	6.800	9.000
MOU-3316-1R5TM	1.500	0.010	100	6.400	8.000
MOU-3316-2R2TM	2.200	0.012	85	6.100	7.000
MOU-3316-3R3TM	3.300	0.015	60	5.400	6.400
MOU-3316-4R7TM	4.700	0.018	45	4.800	5.400
MOU-3316-6R8TM	6.800	0.027	35	4.400	4.600
MOU-3316-100TM	10.00	0.038	25	3.900	3.800
MOU-3316-150TM	15.00	0.046	20	3.100	3.000
MOU-3316-220TM	22.00	0.085	18	2.700	2.600
MOU-3316-330TM	33.00	0.100	14	2.100	2.000
MOU-3316-470TM	47.00	0.140	11	1.800	1.600
MOU-3316-680TM	68.00	0.200	10	1.500	1.400
MOU-3316-101TM	100.0	0.280	7.0	1.300	1.200

Part Number	Inductance (uH) 100 KHz 0.1 Vrms	DC Resistance (Ohms max)	SRF (MHz) ref only	I rms (Amps)	I sat (Amps)
MOU-3316-151TM	150.0	0.400	6.5	1.000	1.000
MOU-3316-221TM	220.0	0.610	5.0	0.800	0.800
MOU-3316-331TM	330.0	1.020	4.0	0.600	0.600
MOU-3316-471TM	470.0	1.270	3.0	0.500	0.500
MOU-3316-681TM	680.0	2.020	2.5	0.400	0.400
MOU-3316-102TM	1000.0	3.000	2.0	0.300	0.300

## GENERAL PARAMETERS: Layout, Schematic, Packaging

