



**MSR
Electronics**



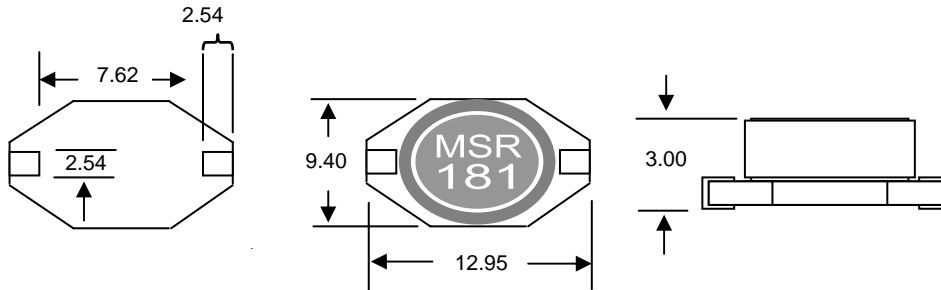
SMD POWER INDUCTORS

SERIES - MOS3308 (Shielded)

RoHS



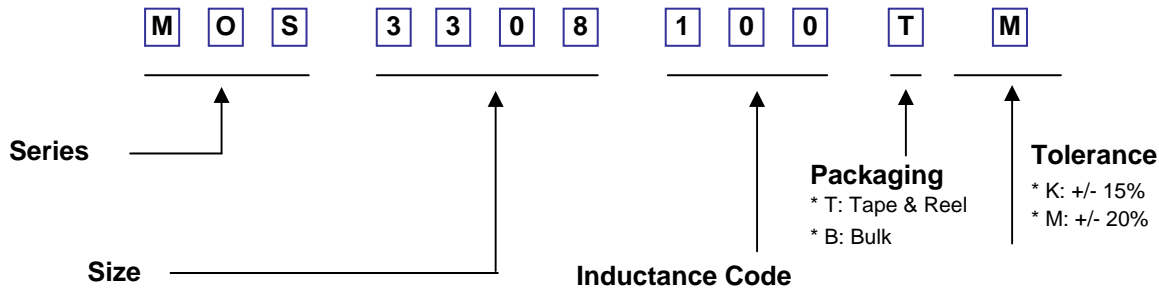
Compliant: Contact
Factory for Copy of
Test Report



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)
MOS-3308-2R2TM	2.20	0.045	90.0	3.50	4.20
MOS-3308-3R0TM	3.00	0.062	70.0	3.00	3.60
MOS-3308-3R9TM	3.90	0.070	60.0	2.80	3.40
MOS-3308-4R7TM	4.70	0.078	50.0	2.50	3.00
MOS-3308-6R8TM	6.80	0.100	50.0	2.20	2.60
MOS-3308-100TM	10.0	0.145	38.0	2.00	2.20
MOS-3308-120TM	12.0	0.185	29.0	1.75	2.00
MOS-3308-150TM	15.0	0.200	30.0	1.50	1.80
MOS-3308-180TM	18.0	0.270	25.0	1.40	1.60
MOS-3308-220TM	22.0	0.300	22.0	1.30	1.50
MOS-3308-270TM	27.0	0.400	18.0	1.20	1.30
MOS-3308-330TM	33.0	0.450	17.0	1.10	1.20
MOS-3308-390TM	39.0	0.560	17.0	0.95	1.10

Part Number	Inductance (uH) 100 KHz 0.1 Vrms	DC Resistance (Ohms max)	SRF (MHz) ref only	I rms (Amps)	I sat (Amps)
MOS-3308-470TM	47.0	0.650	15.0	0.80	1.05
MOS-3308-560TM	56.0	0.680	14.0	0.75	1.00
MOS-3308-680TM	68.0	0.800	12.0	0.70	0.90
MOS-3308-820TM	82.0	1.200	11.0	0.65	0.85
MOS-3308-101TM	100	1.400	9.5	0.60	0.80
MOS-3308-121TM	120	1.520	8.5	0.55	0.70
MOS-3308-151TM	150	1.800	8.0	0.50	0.65
MOS-3308-181TM	180	2.200	7.0	0.45	0.60
MOS-3308-221TM	220	2.800	6.5	0.40	0.50
MOS-3308-271TK	270	3.100	5.5	0.35	0.45
MOS-3308-331TK	330	3.600	5.2	0.30	0.40
MOS-3308-391TK	390	4.600	5.0	0.25	0.35
MOS-3308-471TK	470	5.100	4.5	0.20	0.30

GENERAL PARAMETERS: Layout, Schematic, Packaging

