



**MSR
Electronics**

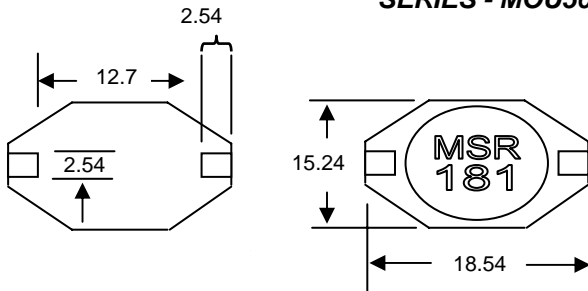


SMD POWER INDUCTORS

SERIES - MOU5022 (Unshielded)

RoHS

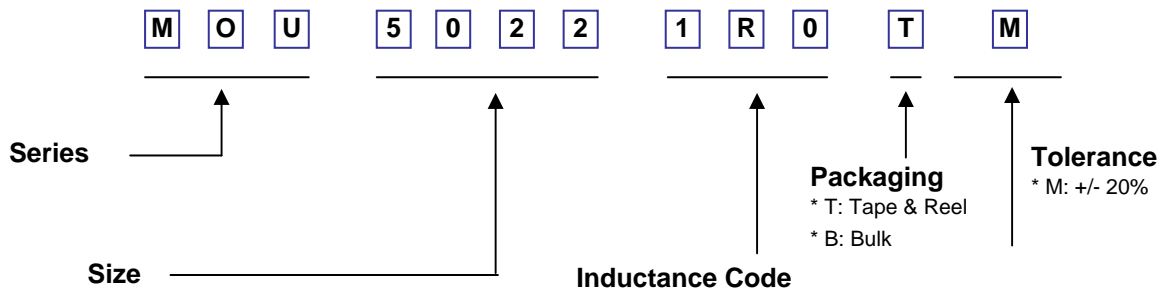
Compliant: Contact
Factory for Copy of
Test Report



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)
MOU-5022-1R0TM	1.000	0.009	140	8.60	20.0
MOU-5022-1R5TM	1.500	0.012	110	7.50	18.0
MOU-5022-2R2TM	2.200	0.014	75	7.10	16.0
MOU-5022-3R3TM	3.300	0.018	70	6.20	14.0
MOU-5022-5R6TM	5.600	0.020	45	5.30	12.0
MOU-5022-100TM	10.00	0.031	21	4.30	10.0
MOU-5022-150TM	15.00	0.036	16	4.00	8.00
MOU-5022-220TM	22.00	0.047	13	3.50	7.00
MOU-5022-330TM	33.00	0.066	11	3.00	5.50
MOU-5022-470TM	47.00	0.086	9.0	2.60	4.50
MOU-5022-680TM	68.00	0.130	6.5	2.30	3.50
MOU-5022-101TM	100.0	0.190	5.7	1.80	3.00
MOU-5022-151TM	150.0	0.250	4.5	1.50	2.60

Part Number	Inductance (uH) 100 KHz 0.1 Vrms	DC Resistance (Ohms max)	SRF (MHz) ref only	I rms (Amps)	I sat (Amps)
MOU-5022-221TM	220.0	0.380	3.7	1.20	2.40
MOU-5022-331TM	330.0	0.560	3.0	1.00	1.90
MOU-5022-471TM	470.0	0.850	2.7	0.82	1.40
MOU-5022-681TM	680.0	1.100	2.2	0.72	1.20
MOU-5022-102TM	1000.0	1.300	2.0	0.560	1.00

GENERAL PARAMETERS: Layout, Schematic, Packaging

